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BRECK'S

Established in 1822

*Everything for Farm
Garden & Lawn*

1924

COMPLETE CATALOGUE

The Breck Organization

Founded by Joseph Breck in 1822

Joseph Breck & Sons

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Everything for Farm, Garden, and Lawn

ONE HUNDRED AND TWO YEARS

1822 - 1924

HAS it occurred to you that Heredity and Environment in Seeds is a very important point for you to consider? No one can deny that a thoroughbred horse or man will "deliver the goods" better than a mongrel breed. Seeds have been developed from wild forms by man's ingenuity and constant care to a point where in proper circumstances uniform results are attained as to purity of type and a high percentage of germination.

Seeds that are not "thoroughbred" and that are not grown in proper environment are risky stocks to buy. In selecting a man or buying an animal one has a chance to form by observation and test a fair opinion of what is back of the individual. But when it comes to Seeds one grade of seed looks so much like another grade that it is often impossible to tell what the seed will produce until it is too late to remedy it. If the choice was faulty the labour, expense, and time put into cultivation are gone beyond recall. One's only basis of selection is the reputation of the Seedsman.

We have a reputation jealously guarded for over a century for furnishing seeds with the very best antecedents. This reputation is our most valued asset. We would not now be the oldest and largest Seed House in New England if we had not faithfully preserved our standards. You can buy cheaper seeds elsewhere but no one can offer you better seeds at any price. The same standards have been maintained in our stock of Agricultural Implements, Hardware, Poultry and Dairy Supplies, and Woodenware.

No one Agricultural House in the country carries a more extensive line than we do. It is a distinct advantage to you to buy all your agricultural supplies from one house, especially as that house, in our case, is particularly interested in the quality of its goods. Everyone here from the head of the house to the newest errand boy is interested to serve you.

At the end of this book you will find a complete index.

See inside back cover for information regarding shipping and packing.

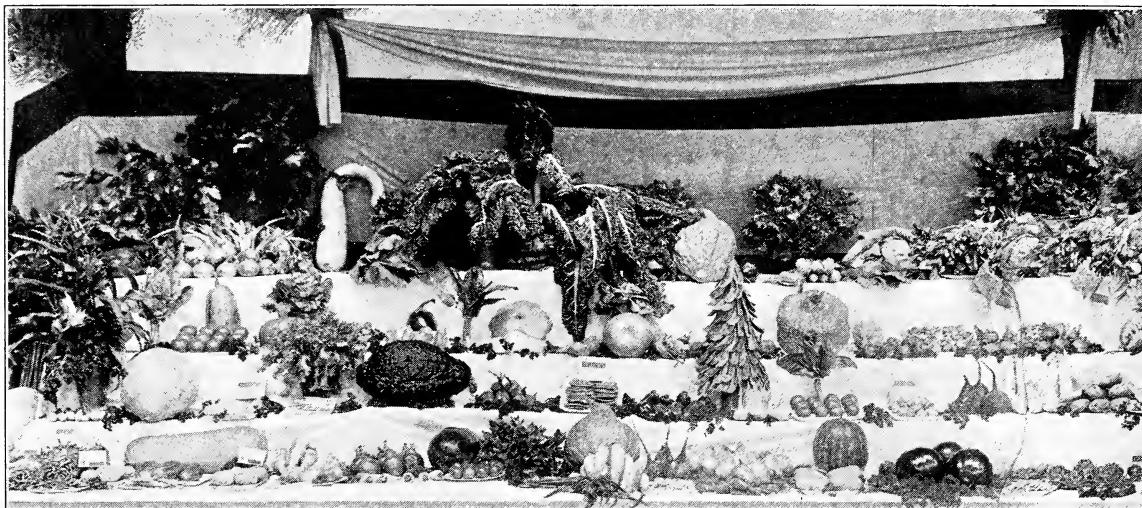
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NOTICE: We give no warranty express or implied as to description, quality, productiveness, or any other matter of any seeds, bulbs, nursery stock, or plants we sell, and will not be in any way responsible for the crop. If the purchaser does not accept such goods on these terms he must return them at once and all payments therefor will be refunded. *Joseph Breck & Sons, Corporation.*

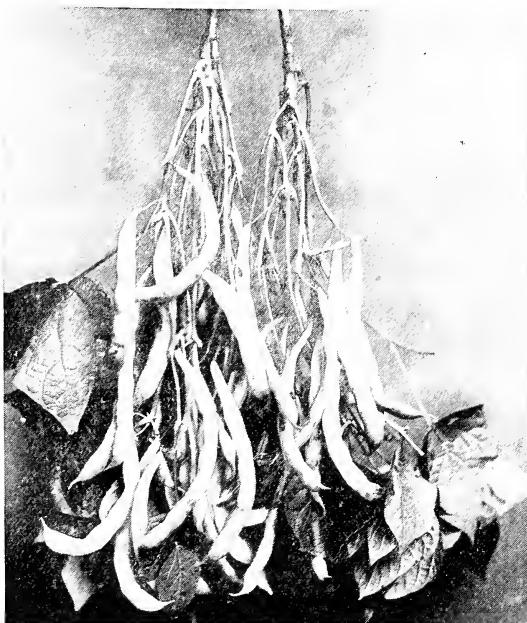
BRECK'S VEGETABLE SPECIALTIES



Collection of Vegetables grown from Breck's Seeds, Exhibited at Horticultural Hall, Boston
Every Type of Vegetable grown in New England, with

DWARF CARMINE HORTICULTURAL BEAN

735 A new bean of the Dwarf Horticultural type, which can be used either as a snap or shell bean. When ripe, it makes a fancy baking bean. It has a large, broad, long, golden-yellow pod, splashed with carmine. On the average, this bean will be ready for the table as a snap bean in about 58 days, and as a shell variety about 10 days later. At all stages the pod is entirely stringless and tender, making it very desirable as a snap variety. The seed is large, kidney-shaped, buff-coloured, and mottled. *Pkt. 25¢; lb. 50¢; 2 lbs. 80¢; 8 lbs. \$2.50.*



Dwarf Carmine Horticultural Bean

FRENCH PERFECTION BEAN

867 A popular dwarf French variety—stringless, green pods, almost round, extremely fleshy, succulent, remaining in excellent condition for cooking long after the ordinary dwarf beans have become dry and tough. Perfection is of branching habit, sturdy growth, and a heavy cropper. Considered by many much more desirable for a forcing bean than either Masterpiece or Superlative. *Large package, \$1.00 postpaid.*

FEONIA CARROT

1731 A cross between the two well-known varieties Nantes and Chantenay, this novelty unites the good qualities of both. Though the Nantes carrot is the best variety for Summer use, it is not qualified for storing and shipping on account of its extreme tenderness. Chantenay lends itself admirably to these purposes, and our new Feonia will stand storing and shipping, at the same time retaining the flavour and crispness of Nantes. The long obtuse cylindrical roots are, when grown in the proper soil, absolutely smooth, of a beautiful scarlet, and practically coreless. *Pkt. 10¢; oz. 60¢; ¼ lb. \$2.25.*

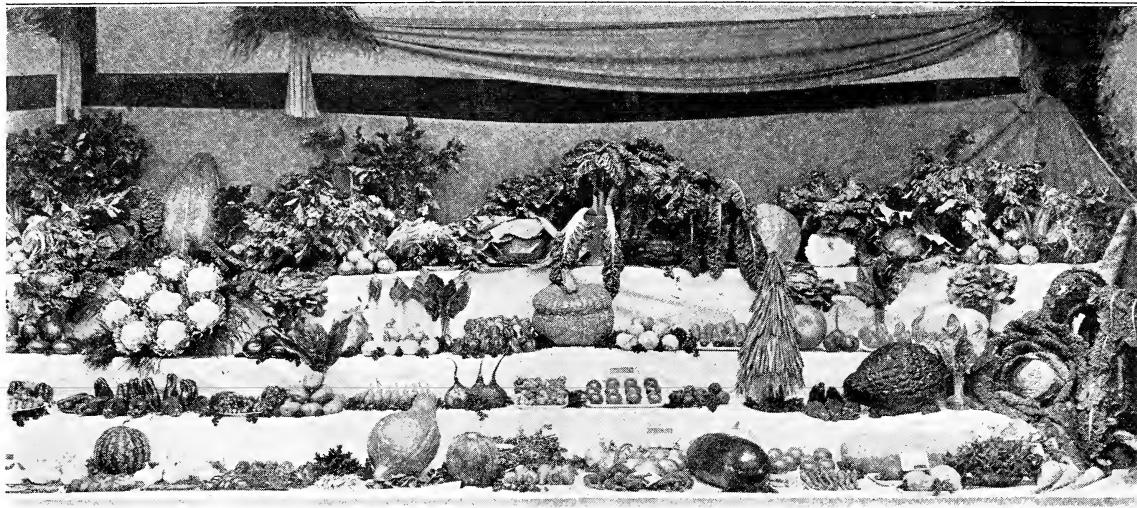
BRECK'S EASY BLANCHING CELERY

2435 *Wyman's Strain, Arlington Grown.* Most popular in the vicinity of Boston on account of its freedom from blight, being considered almost blight proof. Quality excellent, bleaching as quickly as White Plume or Golden Self Blanching, but much larger than either. It is a reasonably good winter variety if stored quite green. The local-grown seed is vastly superior to the California-grown, in that it produces a more vigorous plant, larger stalks, tender, and crisp. *Packet 25¢; oz. \$2.00; ¼ lb. \$7.50.*

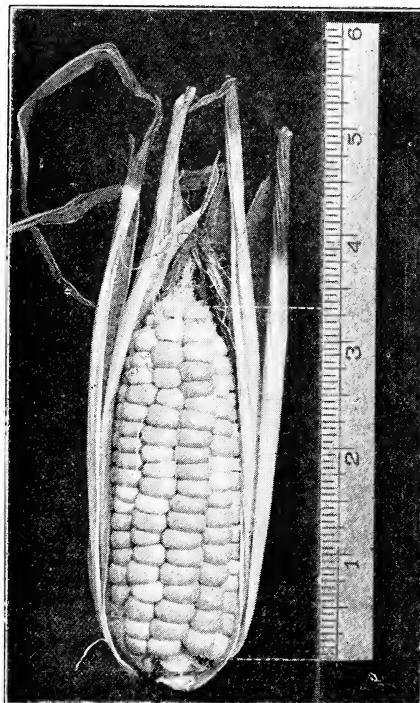
BRECK'S EARLY LEXINGTON PEA

3536 A very early green wrinkled variety. Height $3\frac{1}{2}$ feet. Prolific, hardy, pods large, straight, dark green, well filled. After several years of close observation, this variety is considered by experts to be superior to Gradus on all points; it has proved to be four or five days earlier, pods larger, yield heavier. *Lb. 50¢; 2 lbs. 80¢; 7 lbs. \$2.50.*

AND NOVELTIES FOR 1924



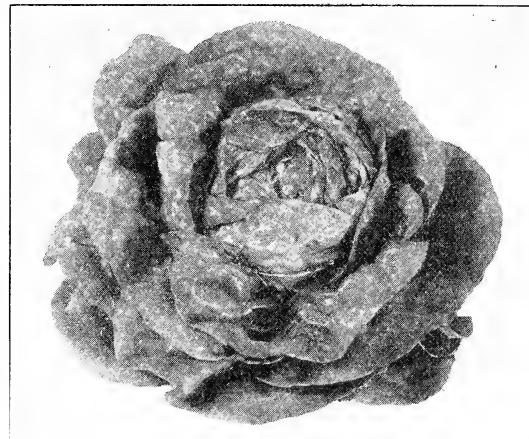
on 28 September 1923. Awarded Silver Medal by the Massachusetts Horticultural Society practically no exception, was included in the above Exhibit



BRECK'S BANTAM CROSBY CORN

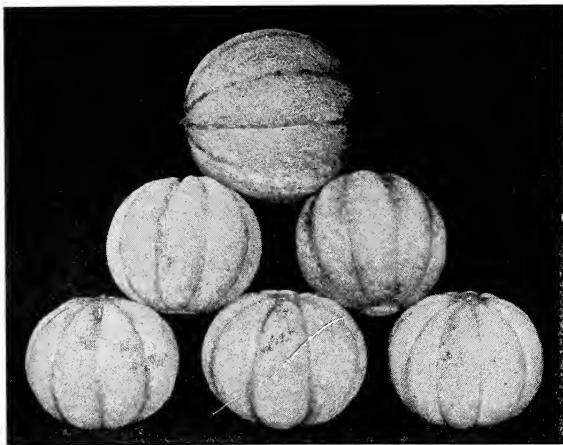
2205 A midget, extra early, White Sweet Corn, and the only variety we can recommend for greenhouse culture. It rapidly grows to full size in the private greenhouse and produces good ears. In the open Bantam Crosby is ready for the table long before one can secure satisfactory ears of either Red or White Cory. One can expect about three good mouthfuls from the ear. We recommend that the corn be planted in hills about 18 inches apart. The stalks will measure from

2½ to 3 feet in height, and most of them will bear two perfect ears. The seed itself is small, flinty, rather slow to germinate, but after germinating the plants develop rapidly. Frequent cultivation during the growing season is essential. We find it highly desirable because one can secure a large number of ears from a very small area. Our corn grew this year about three feet high, the ears coming out an inch or two above the ground. It is our experience from early plantings that it is not difficult in this locality to secure a crop by the Fourth of July." Because of the small quantity on hand, we can offer Bantam Crosby only in packages, containing seeds sufficient for about 100 hills. Price, 50¢ per package.



BRECK'S NEW EARLY MAY KING LETTUCE

3005 A Selected strain of this well-known variety; a solid, cabbage-butter-head type; medium small, colour light green, tinged slightly on edge with brown. Recommended for growing under glass or for an early outdoor variety. May King has been growing in popular favour, and this new strain will certainly prove pleasing to those who have grown May King in past seasons. Pkt. 15¢; oz. 50¢; ¼ lb. \$1.50; lb. \$5.00.



OKA—A New Montreal Melon

3122 Originated by a Canadian Horticulturist, selected at the Oka Agricultural Institute near Montreal, Canada. The Melons grown adjacent to Montreal have long been famous for their fine quality. The Oka Melon is a selection of the Montreal Market crossed with a red flesh variety, resulting in a most delicious, sweet, juicy Melon of strong habit; a fine setter, bearing good size fruit up to 10 lbs. The Melon is clearly netted, cream colored, flesh bright salmon, small seed cavity. One grower reports picking fruit on the 29th of June near Montreal. This would indicate rapid growth and quick maturity. The bearing season is extended over 6 to 8 weeks. The supply of seed being limited, we can offer it only in sealed packages, at 25¢ per package.

HUNDREDFOLD PEAS

In growth they are similar to the well-known variety Pioneer but the foliage is darker and heavier; pods grow 4 to 4½ inches in length, well filled, colour very dark green. Height about 2 feet. The vines make a compact growth enabling one to have rows close together, no brush or stakes required. Because *Hundredfold* produces such heavy crops of Peas and of good flavour, it is believed by those who have grown it for the past two years, that in a short time *Hundredfold* will become more popular as a home garden variety than either Laxtonian or Pioneer, our present favourites in the Dwarf Peas. We recommend that a row of *Hundredfold* be planted beside either Laxtonian or Pioneer so that the type may be fully appreciated and the larger yield and better colour carefully noted. *Per package* 20¢; *lb.* 40¢; *2 lbs.* 75¢; *7 lbs.* \$2.40.

VAIL'S PURPLE VELVET TOMATO

Introduced by W. E. Vail of Yorktown Heights, N. Y., who has spent some years in developing this excellent Tomato. In adding this variety to a list already long we believe that we are offering the New England Gardener a variety which is particularly suited to this section. The plants are of rapid growth and quite disease resistant. The fruit is large, maturing early; the unusually smooth velvet skin and purple colour make it very attractive. Give the plants heavy fertilization and plenty of sun. The crop will then mature early and be a heavy one. Our supply of seed this year is necessarily limited. We can furnish the stock in sealed packages only, *price* 25¢ each.

GREENHOUSE MELONS New and Proven Varieties

Super Honey Dew. A cross between Honey Dew and Sutton's Superlative. Melons average 6 pounds in weight. Flesh salmon. The melon itself is a rich golden-yellow. Flavour excellent. Growth of plants rank and vigorous, free from blight. Mr. Joseph Madden of Manchester, Mass., raised 90 melons averaging 6 pounds each, in a greenhouse 25 X 15 feet. *Package* 50¢.

Lenox Green Flesh. Quick growing, medium-sized Muskmelon of superior flavour. *Package* 50¢.

Barnet Hill Favourite. A red-fleshed, yellow-skinned variety, good size. *Package* 50¢.

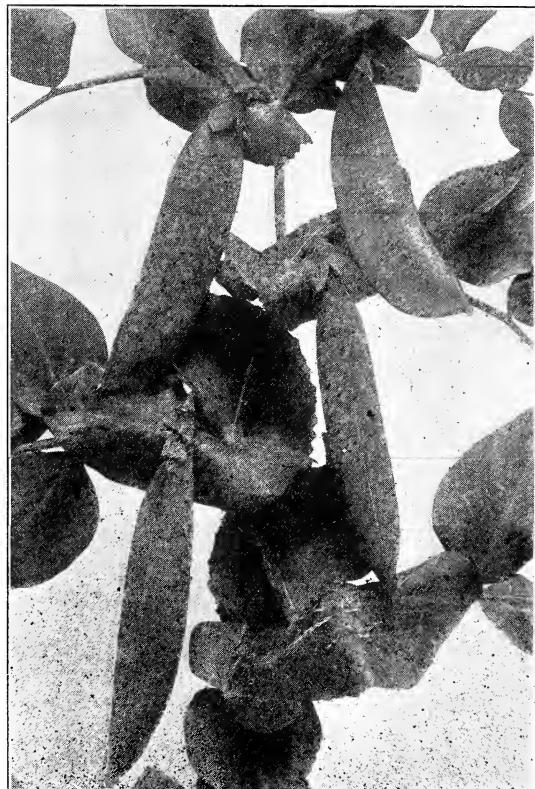
Improved Sutton's Universal. White flesh, solid. Melons 8 to 9½ pounds in weight. *Package* 50¢.

DRINO TOMATO

4039 A highly desirable salad variety. Shape oblong, colour rich red, flesh solid with small seed cavity. We offer this stock after several years of careful selection by one of our most expert growers in Essex County, Massachusetts. *Offered in packages only at 50¢.*

SMITH'S SPECIAL TOMATO

4062 A variety developed especially for us by W. H. E. Smith of Beverly. Highly recommended for growing under glass. Early and prolific. One of the finest varieties for either indoor or outdoor cultivation. A customer who grew it reports as follows: "The first fruit as good as the prime of the season—free from wilt and blight. It grows in large clusters at short intervals. Tomatoes of an average size 10½ inches in circumference. Immense cropper. The fruit is sweet flavoured, all smooth, extra solid, and nearly round, with practically no eye, ripening evenly right up to the stem." *Package* 50¢.



Garden Peas, Hundredfold

DESCRIPTIVE LIST of VEGETABLE SEEDS

★Marked Varieties we especially recommend. Order seeds by number.

ARTICHOKE

A rich sandy loam is desirable, but any soil made fine by deep culture and enriched with plenty of well-rotted manure will answer. Sow seed in hot-bed early in Spring, in rows 6 inches apart; transplant when large enough into boxes or pots. After danger of frosts is past plant in the open ground, 2 feet between the plants and 3 feet between the rows.

This method of cultivation will produce heads for culinary purposes by September. Seed may, if desired, be sown in the open ground in May, but the little tender plants should be given protection until the cold weather of Spring has passed.

Plants raised from seed sown outdoors will not give edible heads until the second Summer. One ounce of seed will sow 30 feet of drill.

★500 Large Green Globe. The best and most popular sort. Pkt. 25¢; oz. \$1.00.

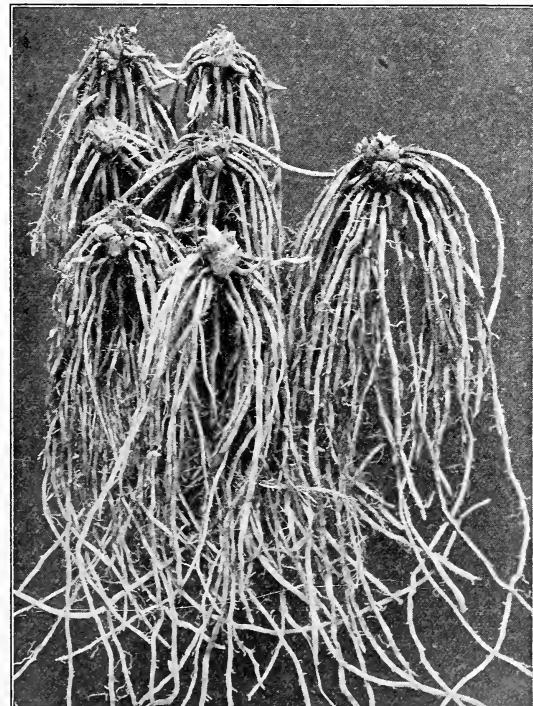
510 Early Purple, or Violet. Pkt. 25¢; oz. \$1.00.

JERUSALEM ARTICHOKE—*Helianthus tuberosus*

A species of Sunflower. A tuber that thrives well upon light, dry soil and is cultivated for feeding sheep and swine. It is also used for pickles. The tops when cut and cured make an excellent dry fodder. It is propagated by tubers, which should be set in rows four to five feet apart and one foot apart in the rows. Three bushels are required to plant an acre. 2¢. 40¢; peck, \$2.50, net.

ASPARAGUS

Although Asparagus is grown satisfactorily on various types of soil, it does best on sandy loams. Two or more years may be saved by planting a bed with roots instead of sowing seed. Roots may be set in the Spring in trenches 8 or 10 inches deep and 3 or 4 feet apart, leaving 12 or 15 inches between plants in the row. The bed should be thoroughly worked over to a depth of at least 18 inches, forking in a liberal quantity of manure. It is well to spread the roots over a low mound of fine soil, rather than plant them directly in the hard bottom of the trench. Cover the crowns with not more than 2 or 3 inches of moist soil, firming it well over the roots and as the young shoots appear and grow, fill in the trench gradually. Either in the Spring or after cutting season, fork in a good dressing of stable manure between the rows. The bed may be cut two or three times the second



Giant Reading two-year old Asparagus Roots

season after planting, but only a small percentage of the shoots should be taken.

Seed may be sown in drills 2 feet apart and 1 inch deep, as early in Spring as the ground can be worked. One ounce of seed will sow 60 feet of drill.

530 Conover's Colossal. An old, well-known variety. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢.

535 Giant Argenteuil. Well-known French variety. Our stock of seed is local-grown, early, and free from disease. Stalks white, slightly greenish-purple at top. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.

★540 Giant Reading. Considered the best variety for Boston market. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.

550 Moore's Giant Purple Top. Stalks remain white until well above ground. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢.

565 Washington. Grown in Concord, Mass. Considered by many the most desirable variety introduced to date. It is disease-resisting; stalks are large, good flavour and tender. Plants always hardy and of vigorous growth. Pkt. 10¢; oz. 35¢; $\frac{1}{4}$ lb. \$1.25.

Medicinal Asparagus Seed. $\frac{1}{4}$ lb. 15¢; lb. 40¢.

See page 29 for List of Asparagus Roots.



Breck's Tewksbury Dwarf Horticultural Beans

BEANS—DWARF or BUSH

To obtain a continuous supply of beans throughout the season, make plantings every two weeks from early May until about the middle of July. Beans are usually planted 2 inches deep in drills sixteen or eighteen inches apart. Many growers claim, however, that larger yields are obtained if three or four beans are planted in a hill, the hills being about eight inches apart in the row. Inoculate all beans with Farmogerm if possible. Cultivate frequently, but not deeply, and only when the plants are dry, as earth scattered on the foliage or pods when moist will often cause the development of rust. All beans sold by weight. Two pounds equal about one quart.

Two pounds of beans will sow 100 feet of drill.

All Beans 15¢. per packet postpaid except as noted

STRING or SHELL VARIETIES

★610 Breck's Tewksbury Dwarf Horticultural. Due to the unusual beauty and size of its pods, this variety brings consistently higher prices than any other Horticultural Bean sold on the Boston Market. When ready to pick, the yellowish surfaces of the pods are beautifully marbled and splashed with bright crimson. The vines bear great numbers of long pods, inclined to curve slightly, generally containing six beans each, although seven are not unusual. Until they have attained full size the pods are comparatively dull and inconspicuous, the colour intensifying rapidly as maturity is reached. It is characteristic of the vines to throw out tendrils like those of Pole Beans, but the plants are distinctly dwarf and upright, displaying no tendency to climb or sprawl over the ground. Per pkt. 20¢; 1 lb. 40¢; 2 lbs. 70¢; 8 lbs. \$2.50.

740 **Dwarf Horticultural.** Large green pods splashed with red, the popular shell bean for home and market. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.

750 **Goddard, or Boston Favourite.** A larger, later Dwarf Horticultural. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.

760 **Kidney, Red.** An excellent shell and baking bean. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.

780 **Kidney, White.** A white seeded variety. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.

790 **Prolific Tree Pea Bean.** The popular baking variety; beans very small. 1 lb. 20¢; 2 lbs. 35¢; 8 lbs. \$1.25.

800 **Red Cranberry.** A favourite snap and shell bean. 1 lb. 35¢; 2 lbs. 65¢; 8 lbs. \$2.50.

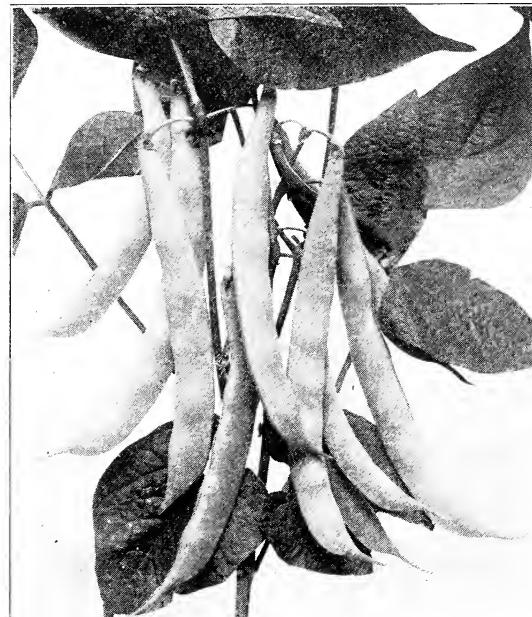
810 **White Marrow.** Large flat pods, a good dry baking bean. 1 lb. 30¢; 2 lbs. 50¢; 8 lbs. \$1.75.

820 **Yellow Eye Improved.** A large mealy variety for baking. 1 lb. 20¢; 2 lbs. 35¢; 8 lbs. \$1.25.

GREEN PODDED VARIETIES

★620 **Burpee's Stringless Green Pod.** Extra early, very prolific, quite stringless. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.

630 **Black Valentine.** Pods long, straight, nearly round, favourite with market gardeners. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.



Bountiful Bean

★640 **Bountiful.** Extra early, flat green pods, tender and stringless. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.

650 **Canadian Wonder.** A hardy, rapid-growing variety, very prolific, pods long, green, fleshy and of good quality. 1 lb. 40¢; 2 lbs. 75¢; 8 lbs. \$2.50.

735 **Dwarf Carmine Horticultural.** See page 2.

660 **Early Red Valentine.** One of the earliest and best pods. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.

867 **French Perfection.** Stringless! Green Pod, almost round. *In sealed packages only, \$1.00.*

661 **Full Measure.** Straight green pods about 6 inches long, fleshy, almost round, creased back, productive throughout a long season. 1 lb. 35¢; 2 lbs. 65¢; 8 lbs. \$2.25.

662 **Giant Stringless Green Pod.** Long, round, fleshy pods; prolific and stringless. 1 lb. 35¢; 2 lbs. 65¢; 8 lbs. \$2.25.

710 **Longfellow.** Early, very hardy; large round pods, fine flavour. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.

670 **Long Yellow Six Weeks.** Early pods, long, flat and full. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.

680 **Low's Champion.** Large, green, flat, stringless pods. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.50.

868 **Masterpiece.** Quick growing, prolific; long, straight, fleshy green pods. Pkt. 25¢; 1 lb. 75¢; 2 lbs. \$1.00; 8 lbs. \$3.20.

69 **Refugee.** Thorburn's extra early, of superior quality, and two weeks earlier than the Late. 1 lb. 40¢; 2 lbs. 75¢; 8 lbs. \$2.75.

700 **Refugee Late, or 1000-to-1.** Very productive, round pods, largely grown for pickling. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.

869 **Superlative.** Stringless Beans of French origin. Desirable for the garden or greenhouse. Pkt. 50¢; 1 lb. \$1.00.

720 **Triumph of the Frames.** Best for forcing. Use as shell or string. 1 lb. 65¢; 2 lbs. \$1.25.

730 **Wonder of France.** Green Flageolet, long tender pods. 1 lb. 65¢; 2 lbs. \$1.25.

WAX or BUTTER VARIETIES

870 **Black Wax, Improved Prolific.** Very early, round thick pods of medium length. 1 lb. 35¢; 2 lbs. 65¢; 8 lbs. \$2.50.

880 **Black Wax, Currie's Rust Proof.** Flat pods, early, prolific, very good quality. 1 lb. 35¢; 2 lbs. 65¢; 8 lbs. \$2.50.

★890 **New Kidney Wax.** A great improvement on Wardwell's Wax; more prolific bearer, pods large, vines of stout growth, loaded with beans, very popular with all market gardeners who have become familiar with it. 1 lb. 40¢; 2 lbs. 75¢; 8 lbs. \$2.75.

★865 **Breck's Round Pod Bountiful Wax.** Our most desirable round podded wax bean. Early, tender, fleshy pods, often growing to 7 inches in length, and of a beautiful light golden colour. Plants sturdy, quick growing and of a branching habit. Pkt. 25¢; 1 lb. \$1.00.

900 **Brittle Wax.** A hardy quick growing bean. Very early quite stringless, good quality, pods round, somewhat curved. 1 lb. 40¢; 2 lbs. 75¢; 8 lbs. \$2.75.

★940 **Crackerjack Wax.** Pods rounder and more meaty than Wardwell's, good size and colour, splendid market variety, stands shipping well; very popular with the Western market gardeners. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.50.

950 **Davis Kidney Wax.** The best white seeded wax bean; long, well-shaped pods, good quality; a general favourite. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.

★920 **Golden Wax Improved, Rust Proof.** Early, long, flat pods, quite immune from rust, stringless, the most popular variety for home garden. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.

960 **Hardy Wax.** A popular quick-growing bean better known in the Middle West than in New England. Hardy Wax is an early, stringless, round podded sort, excellent quality, quick growing, hardy and most desirable for the home garden. 1 lb. 45¢; 2 lbs. 85¢; 8 lbs. \$3.00.

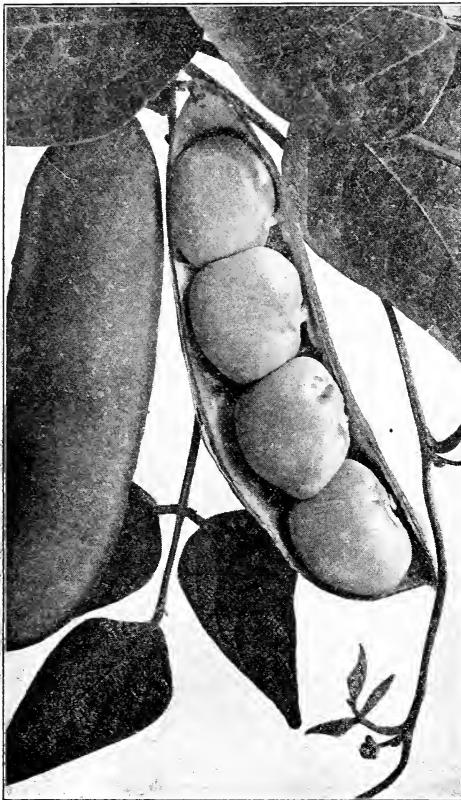


Rust Proof Golden Wax Bush Beans

BEANS—Wax or Butter Varieties—Continued.

970 **Sure Crop Stringless Wax.** A new stringless variety, very prolific, resembling somewhat Currie's Wax. Early and of good flavour. Seeds black, pods of good size, thick, flat. 1 lb. 40¢; 2 lbs. 75¢; 8 lbs. \$2.50.

980 **Wardwell's Kidney Wax.** Early, long, flat pods, good quality, good shipper, the standard wax variety with market gardeners in Massachusetts. 1 lb. 40¢; 2 lbs. 75¢; 8 lbs. \$2.75.



Fordhook Bush Lima Beans

DWARF or BUSH LIMAS

830 **Burpee's Improved.** A true bush form of the large Lima. 1 lb. 45¢; 2 lbs. 85¢; 8 lbs. \$3.00.

840 **Dreer's.** A bush form of Dreer's Pole Lima, possessing all the good qualities of that sort. 1 lb. 45¢; 2 lbs. 80¢; 8 lbs. \$3.00.

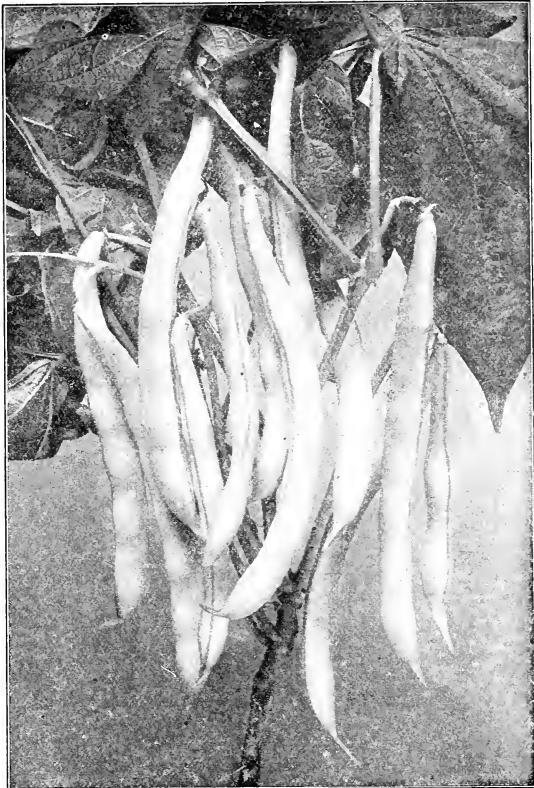
850 **Fordhook Early.** A perfect bush Lima of erect habit and very large. Best sort for this locality. 1 lb. 45¢; 2 lbs. 85¢; 8 lbs. \$3.00.

860 **Henderson's.** A bush Seiva, a continuous cropper, fine for the home garden. 1 lb. 40¢; 2 lbs. 75¢; 8 lbs. \$2.50.

USE FARMOGERM

on garden beans and get better results. Known everywhere as the original and first successful commercial inoculant. *Post-paid when cash accompanies order.*

1/4 acre size for small garden	\$0.50
1 acre size	1.00



New Kidney Wax Bush Beans

BEANS—Pole or Running

All Beans 15¢ per packet, except as noted
Beans at Packet Prices sent post-paid.

It is a good policy to plant Pole Beans at least a week later than the first planting of dwarf varieties because they are not so hardy. The poles are usually set at the time of planting. Plant four or five beans to a hill in hills three or four feet apart, each way. Some growers raise the hills a little to insure good drainage. Hill-applications of well composted manure are of value. One quart of Limas will plant 100 hills, one quart of the smaller seeded sorts about 200 hills. All large seeded Limas should be planted eye down to insure quick growth.

All Beans sold by weight. Two pounds equals about one quart.

GREEN PODDED VARIETIES

980 **Horticultural or Speckled Cranberry.** Large green pods, streaked with red, good either as a string or shell bean. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.

990 **Kentucky Wonder or Old Homestead.** A very prolific long, green podded sort. Sometimes known as the "Snake Bean," and without doubt the best pole string bean offered. 1 lb. 35¢; 2 lbs. 60¢; 8 lbs. \$2.25.

1040 **Scarlet Runner.** Used in the United States almost wholly as an ornamental climber on account of its bright scarlet flowers, rapid growth and large leaves. 1 lb. 40¢; 2 lbs. 75¢; 8 lbs. \$2.75.

1050 **White Dutch Runner.** Same as Scarlet Runner, except that the flower is white. 1 lb. 35¢; 2 lbs. 65¢; 8 lbs. \$2.50.

1060 **New Italian Pole Bean.** Introduced by our Italian gardeners. A green podded, pole string bean, slightly streaked with purple. An enormous cropper. Beans of excellent flavour and quality, absolutely stringless, remaining in good condition on the poles ten days or more. *Per pkt. sufficient for 12 poles, 50¢ post-paid. Per lb. \$1.00.*

WAX PODDED POLE BEANS

1070 **Golden Cluster.** Pods very large, tender, early, rich golden colour, grown in clusters, beans white. *Pkt. 25¢; 1 lb. 50¢; 2 lbs. 85¢; 8 lbs. \$3.25.*

1080 **Kentucky Wonder Wax.** Similar to green podded Kentucky Wonder. Very prolific, fine quality, pods long, broad, fleshy, stringless. *Pkt. 25¢; 1 lb. 50¢; 2 lbs. 85¢; 8 lbs. \$3.25.*

POLE LIMAS

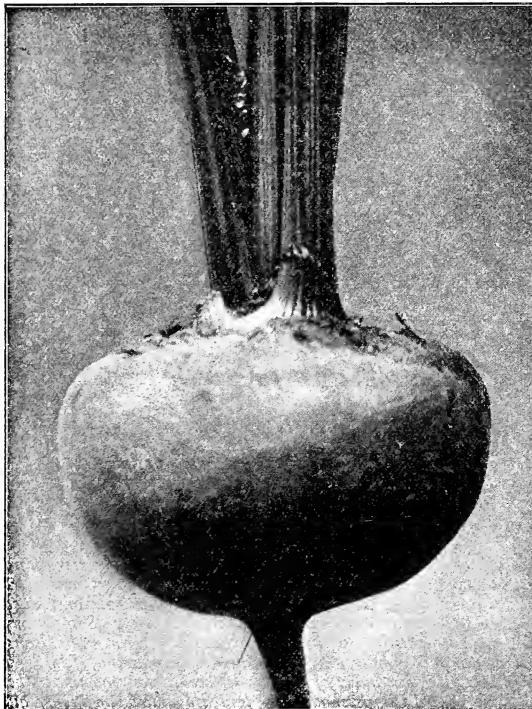
1000 **Lazy Wife.** Long pods, beans white, wonderfully prolific. *1 lb. 40¢; 2 lbs. 75¢; 8 lbs. \$2.75.*

1005 **Lima, Large White.** An old, much esteemed variety. *1 lb. 40¢; 2 lbs. 75¢; 8 lbs. \$2.75.*

1010 **Lima, Dreer's or Challenger.** Round, very thick beans, productive. *1 lb. 40¢; 2 lbs. 75¢; 8 lbs. \$2.75.*

1020 **Lima, King of the Garden.** Large pods, productive, good market sort. *1 lb. 40¢; 2 lbs. 75¢; 8 lbs. \$2.75.*

1030 **Lima, Seiva or Small.** Earlier and hardier than the large Lima. *1 lb. 40¢; 2 lbs. 75¢; 8 lbs. \$2.75.*



Breck's Arlington Strain Crosby Beet

BEET'S

Any well-prepared, light garden soil will grow good beets. Successive plantings can be made from April until the middle of July. Sow in drills about one inch deep and 12 or 15 inches apart. The young plants are usually thinned to four inches apart in the row before they begin to crowd; many gardeners wait until the plants are six inches high so that those removed can be used for greens. One ounce of seed will sow 50 feet of drill.

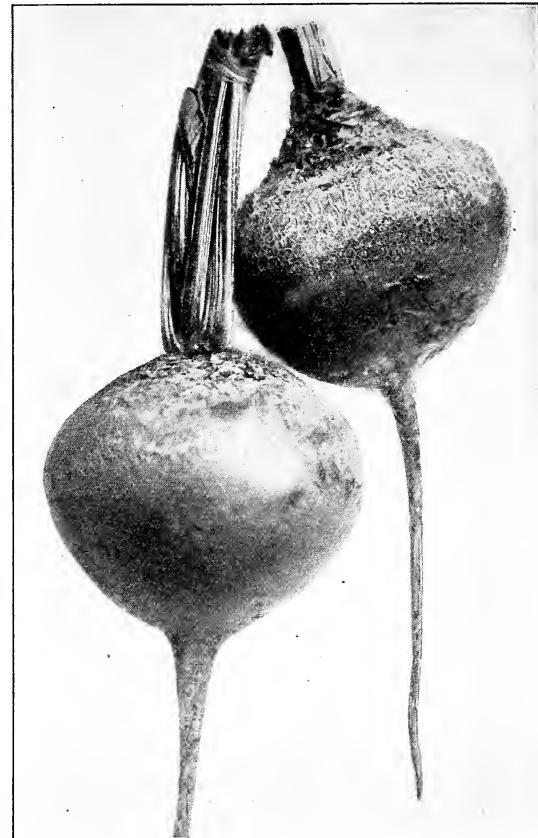
1120 **Breck's Beats All.** Superior in all respects as an early or main crop variety. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.00.*

1130 **Breck's Arlington Strain, Crosby's Egyptian Beet.** The best early beet, small top and tap roots, early as common Egyptian but of better shape, size and colour. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50; lb. \$4.00.*

1140 **Columbia.** Round and smooth, deep red flesh. *Pkt. 10¢; oz. 20¢; 1/4 lb. 55¢; lb. \$1.50.*

1150 **Crosby's Egyptian.** Early as original type, but thicker, smoother, and of better quality. *Pkt. 10¢; oz. 30¢; 1/4 lb. 75¢; lb. \$2.00.*

1160 **Crimson Globe.** Medium size, good keeper, flesh deep purplish-red. *Pkt. 10¢; oz. 20¢; 1/4 lb. 55¢; lb. \$2.00.*



Barker's Strain Edmands Beet

1170 **Barker's Strain Edmands.** A superior strain of Edmands Blood Beet, of splendid shape, uniform in size and colour. Its flesh is of exquisite tenderness and free from any stringy or woody characteristics. Colour, very deep crimson, ringed or marked in a beautiful manner, making it very attractive when sliced for the table. Can be sown as late as July 20 with good results. *Pkt. 10¢; oz. 25¢; 1/4 lb. 85¢; lb. \$3.00.*

1180 **Dewing's Early Blood.** Medium early sort, good keeper, large size; an old time favourite. *Pkt. 10¢; oz. 15¢; 1/4 lb. 35¢; lb. \$1.00.*

1190 **Early Arlington.** Early, deep round form, blood red colour. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.00.*

1200 **Detroit or Dirigo.** One of the best for home or market garden use, medium size, almost globular, very uniform. Colour dark red. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.00.*

1210 **Eclipse.** Very early, bright red, smooth roots, top small. *Pkt. 10¢; oz. 20¢; 1/4 lb. 55¢; lb. \$2.00.*

1220 **Edmands.** A popular late turnip-shaped beet, smooth and of good size, good keeper, small top, flesh red. *Pkt. 10¢; oz. 20¢; 1/4 lb. 45¢; lb. \$1.25.*

1230 **Early Wonder.** Early, small top, medium size, small tap roots; a superior sort for early bunch beets. Favourite with market gardeners. *Pkt. 10¢; oz. 30¢; 1/4 lb. 85¢; lb. \$2.50.*

1240 **Egyptian.** An early, fine coloured smooth turnip beet. *Pkt. 10¢; oz. 15¢; 1/4 lb. 55¢; lb. \$1.50.*

1250 **Beet.** For greens. *Pkt. 5¢; oz. 10¢; 1/4 lb. 30¢; lb. \$1.00.*

Plant Food in Tablet Form

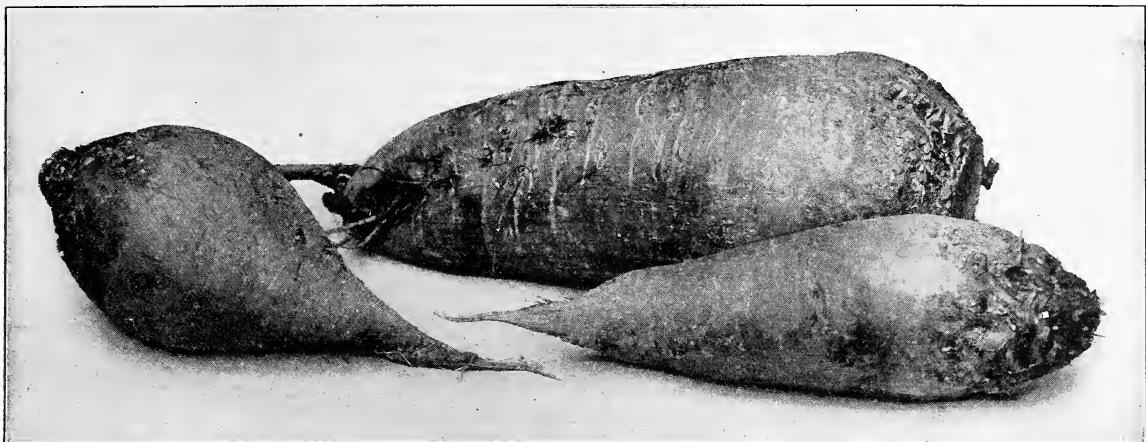
Stim-U-plant Tablets are packed in four sizes

TRIAL SIZE, 15 cents

100 Tablets, 75 cents

SMALL SIZE, 25 cents

1,000 Tablets, \$3.50



Sludstrup Barres

MANGEL-WURZEL AND SUGAR BEETS

All kinds sold in 5 lb. lots at 70c. per lb. and in 10 lb. lots at 65c. per lb.

Because of the constantly increasing cost of mill feeds which are as constantly decreasing in feeding value, due to the incorporation in them of mill sweepings, screenings, and hulls, and because of the prohibitive cost of the best concentrated grains, the American farmer would do well to take more notice and thought of the practice of European stock raisers and dairymen in the use of root crops as a succulent winter feed for stock. In England, Scotland, Holland, and Denmark where corn, either for silage or grain is unknown and only a limited amount of other grains for feed is available, the main reliance has always been Mangels and Sugar Beets. It must be admitted that these countries have produced the best of both beef and dairy animals. We too, could and should grow vast quantities of these crops, and we should gain both in lessened cost of feed, and in the health and vigour of our animals.

The Poultry man also finds Sugar Beets and Mangels a valuable and much relished winter feed; and for maintaining the health and vitality of a flock of sheep through a long northern Winter, they are the best feed on earth.

To obtain the best results in New England, the seed should be sown the latter part of May, in rich, moist, well-drained soil, which has been prepared by very deep ploughing and thorough harrowing. Sow in drills $2\frac{1}{2}$ feet apart to permit horse cultivation and thin to about 10 inches in the row. Six to eight pounds of seed are required per acre.

SLUDSTRUP BARRES

1260 Giant Mangel-Wurzel. The seed we offer is Danish grown and Sludstrup has been repeatedly awarded the highest honours in Danish Agricultural Exhibitions. While the roots do not grow to as great a length as Mammoth Long Red, the growth is more above ground, thicker and heavier, frequently weighing 15 pounds and more; colour, reddish yellow. A most desirable stock feed. Oz. 10¢; $\frac{1}{4}$ lb. 35¢; lb. \$1.00.

1270 Breck's Mammoth Long Red. A selection of the common long red variety. The Mammoth is smooth skinned, fine grained, colour deep red, roots straight and smooth, tops small. Under good cultivation immense crops can be secured with little labour. Ten to fifteen tons per acre are not unusual returns. Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 75¢.

1280 Klein's Wanzeben. One of the most popular of the Sugar Beets and has been grown in this section for many years. Oz. 15¢; $\frac{1}{4}$ lb. 50¢; lb. \$1.50.

1290 Giant Half Sugar Mangel. Highly recommended for stock feeding. The skin is bright rose above the ground and white below. Flesh white, sometimes tinged with rose. Under good cultivation, roots grow half out of the ground. Oz. 15¢; $\frac{1}{4}$ lb. 50¢; lb. \$1.50.

1300 Champion Yellow Globe. Grows in shallow soils. Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 75¢.

1310 Golden Tankard. A half-long variety of bright yellow colour. Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 75¢.

Mammoth Long Red

1320 Long Yellow. Differs from Long Red only in colour. Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 75¢.

1330 Norbiton Giant. Long Red; a valuable variety. Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 75¢.

1340 Red Globe. Similar to Yellow Globe, except in colour. Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 75¢.

1350 Lane's Improved Sugar Beet. A well-known variety, valuable for feeding to cattle. Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 75¢.



SWISS CHARD or SEA KALE BEET

This variety is cultivated solely for its leaves. The midrib is stewed and served like asparagus, the other portion of the leaves being used like spinach. Especially desirable for the home garden, as it is a vegetable always ready for use.

1090 Giant or Perpetual. Broad light green leaves. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢; lb. \$1.75.

1095 Dark Green Curled. Leaves large, crumpled, white midrib. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢; lb. \$1.75.

1100 Blonde. Broad white midrib, yellowish green leaves. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢; lb. \$1.75.

1110 Lucullus. Very large, crumpled leaves, general favourite. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢; lb. \$1.75.

BORECOLE or KALE

The Kales are very hardy, and make excellent greens for late Fall and early Spring use. Sow about May first in prepared beds, transplant in June, proceeding as with Cabbage plants. Siberian Kale may be sown late in August and handled like Spinach for Spring greens. One ounce of seed will sow 150 feet of drill.

1360 Dwarf Green Curled Scotch. Leaves bright green closely curled, very tender. Quality is improved if the plants are touched by frost before being used. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 60¢; lb. \$2.00.

1370 Siberian or Winter. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.00.

1380 Tall Green Curled Scotch. Similar to the dwarf, but more vigorous. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.00.

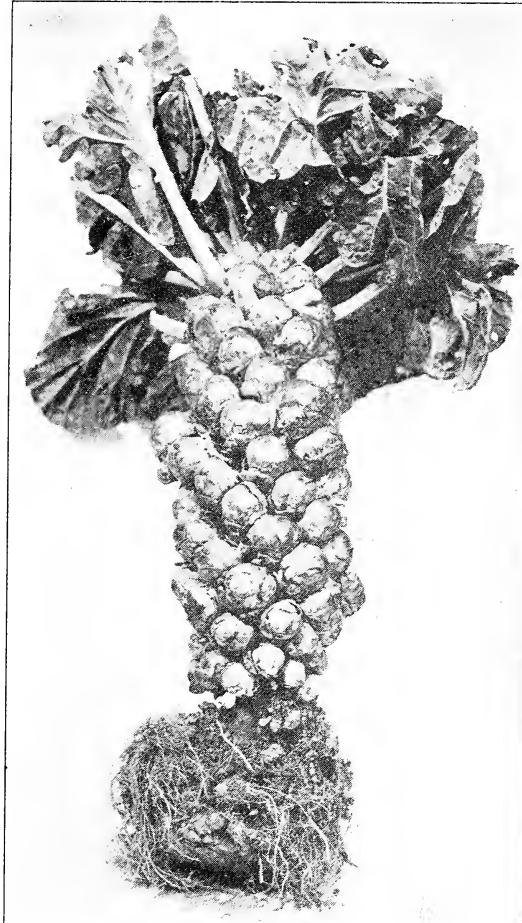
BROCCOLI

Closely resembles the Cauliflower, but is hardier. Like Cabbage and Cauliflower, it succeeds best in deep, rich, moist soil and in cool weather. Seed should be sown at the same time and plants receive the same general culture as cabbage. Completes its growth from seed in from 120 to 140 days. Five to ten degrees of frost will not injure the plants when they are approaching maturity. One ounce of seed will produce about 1500 plants.

•1390 Early Purple Cape. Hardy, heads of medium size and compact formation. Pkt. 25¢; oz. \$1.00.

1400 Veitch's. Self-protecting, large compact head. Pkt. 25¢; oz. \$1.00.

1405 White Cape. Like Purple Cape, but of a creamy white colour. Pkt. 25¢; oz. \$1.00.



BRUSSELS SPROUTS

This interesting vegetable produces small heads resembling miniature cabbages all over its tall stem. The sprouts, either cooked or pickled in the same way as cauliflower, are esteemed a great delicacy. Seed may be sown in May in a seed bed, and the plants afterward set out and cultivated like cabbage. Being small and hardy the sprouts are not in the least injured by frost. One ounce of seed produces about 1500 plants.

•1410 Improved Paris Market. A most desirable strain. Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.

1420 Dalkeith. A popular variety. Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.

1430 Amager Market. Largest sort, often grows 3 feet high, sprouts closely set and develop uniformly. Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.

•1440 Long Island Mammoth. The giant variety so popular on the New York market. Seed we offer is from the best grower on Long Island. Highly recommended. Pkt. 50¢; oz. \$2.00; 1/4 lb. \$6.50.

CHIVES

For Chives plants see page 29

1470 Allium Schoenoprasum. Resembles the Onion in growth and of the same family. Used largely as salad and for flavouring soups. Can be cut repeatedly during the growing season. Pkt. 20¢; oz. 75¢.



Copenhagen Market Cabbage

CABBAGE

Cabbage will do well in any deep, rich, well-drained, and abundantly manured soil. Sow seed of the early varieties in hot beds about February first, and prick out into other hot beds as soon as the plants are strong enough, or set in cold frames in March. When danger of frost is past, transplant to the open ground. The late or Winter crop seed can be sown in seed beds in May and plants set in the field in July. Late varieties are usually planted in rows 30 inches apart with 2 feet between plants; early sorts may be set 15 by 24 inches or even closer. One ounce of seed should produce about 2500 plants.

For Cabbage Plants see page 29

EARLY VARIETIES

•1540 Copenhagen Market. As early as the Wakefield, heads large, round, uniform size, averaging under good conditions about ten pounds each. This variety is growing in popularity with the market gardeners. One of the best early cabbages. Pkt. 10¢; 1/2 oz. 25¢; 1 oz. 40¢; 1/4 lb. \$1.50.

1510 Early Jersey Wakefield. Market gardeners can find nothing better for an early Cabbage. Heads somewhat pointed, extremely solid, superior quality. Pkt. 10¢; 1/2 oz. 20¢; 1 oz. 35¢; 1/4 lb. \$1.25.

1530 Early Spring. Extra early, flat round head, medium size. Pkt. 10¢; 1/2 oz. 20¢; 1 oz. 35¢; 1/4 lb. \$1.25.

1520 Early Winnigstadt. An early variety with conical shaped heads. Pkt. 10¢; 1/2 oz. 20¢; 1 oz. 35¢; 1/4 lb. \$1.25.

•1720 Extra Early Haco. The earliest of all Red Cabbage of Danish introduction; seed from Denmark. Always an attractive and profitable vegetable. Planted in April, ready for use in midsummer. Heads medium size, solid, rock-like, delicious flavour, colour rich dark red. Pkt. 10¢; 1/2 oz. 35¢; oz. 60¢.

1570 Henderson's Early Summer. Large flat head, about ten days later than Jersey Wakefield. Pkt. 10¢; 1/2 oz. 20¢; 1 oz. 35¢; 1/4 lb. \$1.25.

SECOND EARLY VARIETIES

1480 All Seasons. One of the best for second early and late crops, very large and a sure header. Pkt. 10¢; 1/2 oz. 20¢; 1 oz. 35¢; 1/4 lb. \$1.25.

1550 Fottler's Improved Brunswick. One of the best second early varieties. Large head, drumhead type. Pkt. 10¢; 1/2 oz. 25¢; 1 oz. 40¢; 1/4 lb. \$1.25.

1560 Glory of Enkhuizen. Second early variety, solid head, almost globular; sure heading, vigorous growth. Pkt. 10¢; 1/2 oz. 25¢; 1 oz. 40¢; 1/4 lb. \$1.50.

1660 Succession. Selected. Valuable second and late crop variety. Pkt. 10¢; 1/2 oz. 20¢; 1 oz. 35¢; 1/4 lb. \$1.25.

1670 Surehead. Heads large, round, flat Dutch type, good keeper. Pkt. 10¢; 1/2 oz. 20¢; 1 oz. 35¢; 1/4 lb. \$1.25.

LATE VARIETIES

1490 **Breck's Winchester Savoy.** The market gardener's favourite. Seed we offer was obtained after many years' careful selection from only the best heads. Seed planted as late as June 20 will mature about the middle of October. Heads large, of splendid shape, fine flavour, and as a keeper for Winter use it is unsurpassed. *Pkt. 15¢; ½ oz. 40¢; 1 oz. 75¢; ¼ lb. \$2.50.*

1500 **Danish Ball Head.** A Winter variety, large, round, solid heads, splendid keeper. *Pkt. 10¢; ½ oz. 20¢; 1 oz. 35¢; ¼ lb. \$1.25.*

1710 **Danish Stonehead.** A very superior variety of large, late Red Cabbage. Head round and compact, colour deep red. The outer leaves are medium size, covered with a silvery sheen. Good keeper, always salable. *Pkt. 10¢; ½ oz. 35¢; 1 oz. 60¢.*

1580 **Hendrickson's Long Island Savoy.** Popular variety with Long Island market gardeners. Large heads, uniform size, a splendid late cabbage. *Pkt. 10¢; ½ oz. 40¢; 1 oz. 75¢; ¼ lb. \$2.50.*

1590 **Peconic Red.** Large, solid, red variety, grown largely by the Long Island market gardeners. *Pkt. 10¢; ½ oz. 40¢; 1 oz. 75¢; ¼ lb. \$2.50.*



Pe-Tsai or Chinese Cabbage

1600 **Pe-Tsai, or Chinese Cabbage.** A quick growing, medium late sort. Heads resemble Cos Lettuce. *Pkt. 10¢; ½ oz. 20¢; 1 oz. 35¢; ¼ lb. \$1.50.*

1610 **Premium Drumhead, Breck's Selected.** A standard main crop variety. *Pkt. 10¢; ½ oz. 20¢; 1 oz. 35¢; ¼ lb. \$1.25.*

1620 **Premium Flat Dutch Breck's Selected.** A favourite variety for Winter market. *Pkt. 10¢; ½ oz. 20¢; 1 oz. 35¢; ¼ lb. \$1.25.*

1630 **Breck's Red Perfection.** Superior in size and quality to all other red sorts. *Pkt. 10¢; ½ oz. 25¢; 1 oz. 40¢; ¼ lb. \$1.50.*

1640 **Red Dutch, or Pickling.** Fine solid, dark red heads, medium early. *Pkt. 10¢; ½ oz. 20¢; 1 oz. 35¢; ¼ lb. \$1.25.*

1650 **Savoy American Improved.** Large, late, crumpled leaf, very sure to head, excellent keeper. *Pkt. 10¢; ½ oz. 20¢; 1 oz. 35¢; ¼ lb. \$1.25.*

1680 **Warren's Stone Mason.** An improvement on the old type, rounder and solid. *Pkt. 10¢; ½ oz. 25¢; 1 oz. 40¢; ¼ lb. \$1.50.*

1690 **Warren's Stone Mason, Breck's Private Stock.** This is a still further improved selection of the popular Warren strain. We recommend it as the very best type obtainable. *Pkt. 25¢; ½ oz. 85¢; 1 oz. \$1.50; ¼ lb. \$5.00.*

CARDONN

Cardoon is grown for the edible midrib of the leaf, which requires blanching in the same manner as celery. Sow sparingly, early in Spring, in drills 1 inch deep and 4 or 5 feet apart; later, thin out the young plants to about 2 feet apart in the row.

2010 **Large Smooth Spanish.** Grows about four feet high. *Pkt. 10¢; oz. 25¢; lb. \$3.00.*



Breck's Market Garden Danvers Half Long Carrot

CARROTS

Carrots are grown extensively both for culinary purposes and for stock feeding: the "Horn" and medium varieties for the former; the long sorts for the latter use. Fine, mellow, sandy loams, which have been manured liberally for some previous crop, such as potatoes or onions, will produce smooth, well-shaped roots. Carrot seed may be sown towards the end of April, in May, or for late crops for table use, up to the middle of June, in drills 12 or 15 inches apart and not over 1 inch deep. For an early crop sow the "Horn" or medium varieties as early in Spring as the ground can be prepared. If a horse cultivator is to be used, the rows should be 28 or 30 inches apart. Thin out the plants from 3 to 5 inches apart, according to the variety. As Carrot seed is slow in germinating, cultivation may begin earlier if a little radish seed is sown with the carrot to mark the rows.

One ounce will sow 100 feet of drill; 4 pounds, 1 acre.

1731 **Feonia.** A novelty from Denmark. A cross between the well-known Nantes and Chantenay varieties. *Pkt. 10¢; oz. 60¢; ¼ lb. \$2.25.*

1730 **Breck's Market Garden Danvers Half Long.** Selected strain half-long carrot. Colour deep orange, blunt point. Favourite with the market gardener trade. *Pkt. 10¢; oz. 35¢; ¼ lb. \$1.00; lb. \$3.00.*

1740 **Chantenay.** A type of Danvers Half-Long, but earlier and smaller. *Pkt. 10¢; oz. 25¢; ¼ lb. 75¢; lb. \$2.00.*

1750 **Danvers Half Long.** The most desirable main crop variety; an excellent keeper. *Pkt. 10¢; oz. 20¢; ¼ lb. 60¢; lb. \$1.50.*

1760 **Early Scarlet Forcing.** Very early and valuable for forcing. *Pkt. 10¢; oz. 30¢; ¼ lb. \$1.00; lb. \$3.00.*

1770 **Early Scarlet Horn.** Medium-sized half-long variety of fine colour. *Pkt. 10¢; oz. 25¢; ¼ lb. 75¢; lb. \$2.00.*

1780 **Guerande, or Oxheart.** Intermediate between half-long and Horn sorts. *Pkt. 10¢; oz. 25¢; ¼ lb. 75¢; lb. \$2.00.*

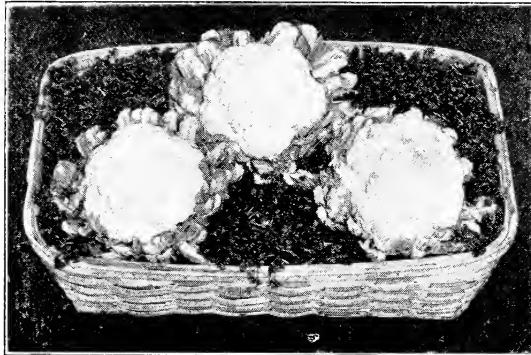
1790 **Half-long Scarlet Carentan.** Stump rooted, coreless, red flesh. *Pkt. 10¢; oz. 30¢; ¼ lb. 85¢; lb. \$2.50.*

1800 **Nantes Stump Root.** Medium-size, medium-early table variety. *Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.00.*

1810 **Long Orange Improved.** Large long-rooted variety, suitable for table or stock. *Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢; lb. \$1.75.*

1870 **Large Yellow.** Desirable variety for feeding farm stock. *Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.25.*

1830 **Large White.** Largest and most profitable for feeding farm stock. *Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.25.*



Breck's White Bouquet Cauliflower

CAULIFLOWER

Cauliflower is the most delicate and delicious member of the cabbage family. Although the ideal soils for this vegetable are well-drained, rich, moist, heavy loams, it will do well in any soil that grows good Cabbage. Plants from seed sown in the hot-bed late in February will be ready for the open ground about the first of May. The seedlings should be transplanted as soon as they are strong enough; later, when the time for setting in the field is approaching, the plants should be gradually hardened by exposure. For late plants, sow the seed sparingly in a well-prepared seed-bed in May, selecting a cool place; treat the seedlings as if they were Cabbage, but exercise greater care. In the field, make the rows 30 inches apart and set the plants 18 inches apart in the row. When the heads are forming, tie the tops of the leaves together with raffia or soft twine in order to shut out the sun and rain; pure white attractive heads can not be grown without protection.

For Cauliflower Plants see page 29

★1940 **Breck's White Bouquet Cauliflower.** For early or for main crop; those who have grown it, private and market gardeners alike, agree that Breck's White Bouquet Cauliflower has no peer. It will head when other varieties fail; moreover, it is a strain well-adapted for forcing under glass during Winter and Spring. The plants are comparatively short stemmed, have small leaves, and produce medium to large close-grained, snowy-white heads, of the finest quality. We feel confident that no better strain has ever been developed, and that it is the earliest and most reliable variety for New England. *Pkt. 25¢; $\frac{1}{2}$ oz. \$3.00; oz. \$5.00.*

1945 **Early Dwarf Danish.** A variety of Erfurt from Denmark. It matures evenly and is a reliable header. *Pkt. 25¢; oz. \$4.00; $\frac{1}{4}$ lb. \$10.00.*

1950 **Early Short Leaf Snowball.** A week earlier than Dwarf Erfurt—a sure header. Recommended for greenhouse forcing. Heads large, white, and solid. Danish-grown by the same grower who developed our strain of White Bouquet Cauliflower. *Pkt. 25¢; oz. \$5.00; $\frac{1}{4}$ lb. \$12.00.*

1960 **Earliest Dwarf Erfurt.** A very choice strain of the well-known Erfurt Cauliflower. *Pkt. 25¢; oz. \$5.00; $\frac{1}{4}$ lb. \$12.00.*

1970 **Extra Early Paris.** Old but still popular. *Pkt. 25¢; oz. \$4.00; $\frac{1}{4}$ lb. \$10.00.*

1980 **Early Snowball.** A reliable early variety, grown largely for market. *Pkt. 25¢; oz. \$5.00; $\frac{1}{4}$ lb. \$12.00.*

1990 **Early London.** Large and hardy. *Pkt. 10¢; oz. \$1.00; $\frac{1}{4}$ lb. \$5.00.*

2000 **Veitch's Autumn Giant.** A desirable large, late variety. *Pkt. 15¢; oz. \$1.00; $\frac{1}{4}$ lb. \$2.50.*

CELERY

For Celery Plants see page 29

Since celery seed is extremely small and rather slow in germinating, it is important that the seed-bed be of good, rich soil, thoroughly prepared. About the middle of April sow thinly in a hot-bed or cold-frame, in rows 2 inches apart, taking care to cover the seed with not more than $\frac{1}{8}$ of an inch of fine soil. Place pieces of burlap over the bed until the seeds have germinated, and water by sprinkling the burlap. When the seedlings are $2\frac{1}{2}$ or 3 inches high transplant into a moist seed-bed, setting the plants 4 by 4 inches. To ensure stocky plants the tops may be cut back once or twice before setting in the field. Celery does well in any deep, richly-manured soil. Make the rows about 4 feet apart, and leave 5 or 6 inches between plants in the row. Cultivate frequently, but not deeply, to keep down weeds and to conserve moisture. With the advent of cool Fall weather, begin to draw earth up about the plants, keeping the stalks well together; continue this process of ridging until late Autumn, when



Golden Self-Blanching Celery

only the tops of the leaves should remain uncovered. The Golden Self-Blanching variety is usually blanched by means of boards 12 or 15 inches wide, set on edge on either side of the row. Celery should be stored where the air will remain cool and fairly moist. Simply set the plants close together in an upright position with several inches of soil about the roots. Cold frames, when dug to the proper depth, afford very satisfactory conditions for storing this crop. The frames should be covered with boards, lapped to shed the rain; if sash is used under the boards, it can be banked up slightly on mild days to give ventilation. The turnip-rooted variety, which does not require blanching, may be planted in rows about 15 inches apart.

One ounce of seed should produce about 3000 plants.

2435 **Breck's Arlington Strain Easy Blanching Celery.** A most carefully selected Arlington-grown stock of the well-known Easy Blanching, which will bleach as quickly as White Plume or Golden Self-Blanching. Almost blight-proof. Quality good, keeping qualities excellent if stored quite green. *Pkt. 15¢; oz. \$1.50; 1/4 lb. \$5.00.*

2430 **Easy Blanching Celery.** Description same as above, seed California-grown. *Pkt. 10¢; oz. 75¢; 1/4 lb. \$2.50.*

★2440 **Giant Pascal.** A strong grower, and wonderful keeper, quality very fine. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.75.*

★2450 **Breck's Golden Self-Blanching.** The variety most extensively grown in all sections of the country for all purposes, by both market and private gardeners. The plants are compact with abundant foliage, short, thick stems and large, solid hearts. The stalks, which are rich in flavour, tender, crisp, and brittle, may be blanched readily to a beautiful creamy white. Our selected strain of this splendid variety is a favourite among commercial growers in this locality. *Pkt. 10¢; oz. \$1.00; 1/4 lb. \$3.00.*

★2465 **Breck's Boston Market.** Popular market garden variety; tender, mild flavour; good keeper. *Pkt. 15¢; oz. 85¢; 1/4 lb. \$3.00.*

2470 **White Plume.** This variety can be blanched with boards. It is usually solid, and of pleasing nutty flavour. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.75.*

2480 **Winter Queen.** Medium height, late, solid stalks keep well, blanch creamy white. *Pkt. 15¢; oz. \$1.00; 1/4 lb. \$3.00.*

2490 **Celeriac, or Turnip-Rooted.** The turnip-shaped roots of this variety are cooked and sliced and with vinegar make excellent salad. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

2500 **Celery Seed for Flavouring.** *Pkt. 5¢; oz. 10¢; 1/4 lb. 20¢; lb. 60¢.*

CHERVIL

1450 **Chervil Curled.** An aromatic sweet herb that resembles parsley. The young leaves are used in soups and salads. Sow evenly in May, in drills $\frac{1}{2}$ inch deep, 1 foot apart. *Pkt. 10¢; oz. 30¢; 1/4 lb. \$1.00.*

1460 **Chervil, Tuberous Rooted.** Sow in May or June, after treatment same as for carrots. *Pkt. 10¢; oz. 30¢; 1/4 lb. \$1.00.*

COLLARDS or COLEWORT

Sow seed as for cabbage, at intervals of about three weeks during May, June, and July. When a month old, set out the plants in the garden in rows 3 feet apart, leaving 2 feet between the plants. The leaves are esteemed as greens.

One ounce of seed will produce about 3000 plants.

2020 **Georgia.** *Pkt. 10¢; oz. 25¢.*

CHICORY

2410 **Large Rooted.** Sow and treat in the same manner as carrots. This is the Chicory of commerce used to mix with coffee. The roots are taken up, washed, cut in small pieces and carefully dried before being used. *Pkt. 10¢; oz. 35¢; 1/4 lb. 75¢.*

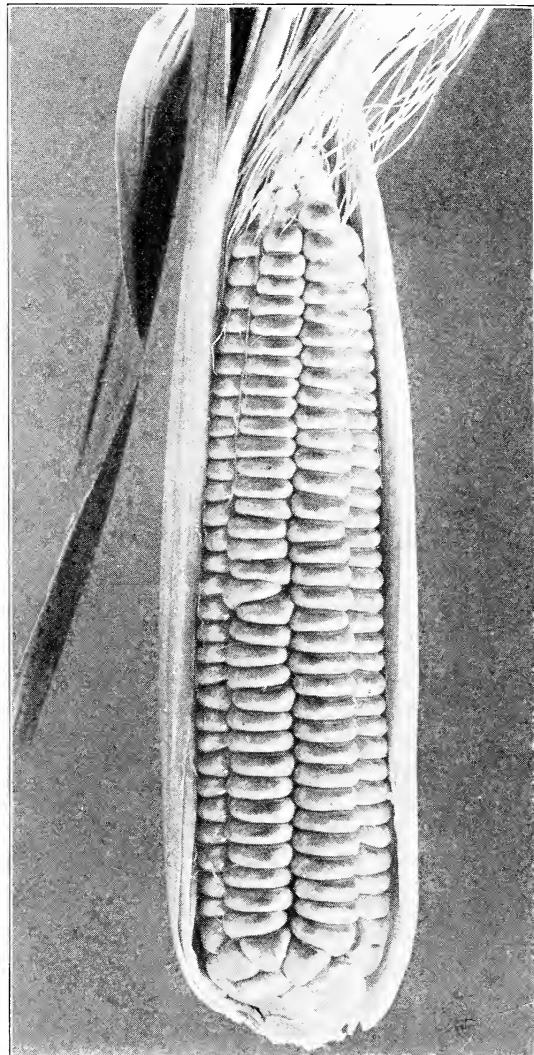
2420 **Witloof.** Sow in May or June in drills, thin out to six inches apart, treat as Endive until end of Summer, when it should be banked up like Celery. The blanched stalks are used as a salad. It is also used as a boiled vegetable prepared in the same way as Cauliflower. *Pkt. 10¢; oz. 40¢; 1/4 lb. \$1.25.*

SWEET CORN

While sweet corn is often grown in hills, experienced gardeners prefer drills. Make the first planting the latter part of May in a rich, warm soil; successive sowings should be made at intervals of ten days until July. Sow in drills $2\frac{1}{2}$ to $3\frac{1}{2}$ feet apart, according to the height of the variety, and thin out the plants to 10 or 12 inches apart in the row. If grown in hills, 3 or 4 feet apart each way gives ample space; never allow more than four plants to remain in one hill.

One pound of seed will plant 100 feet of drill, or about 150 hills.

For Field Corn see page 39



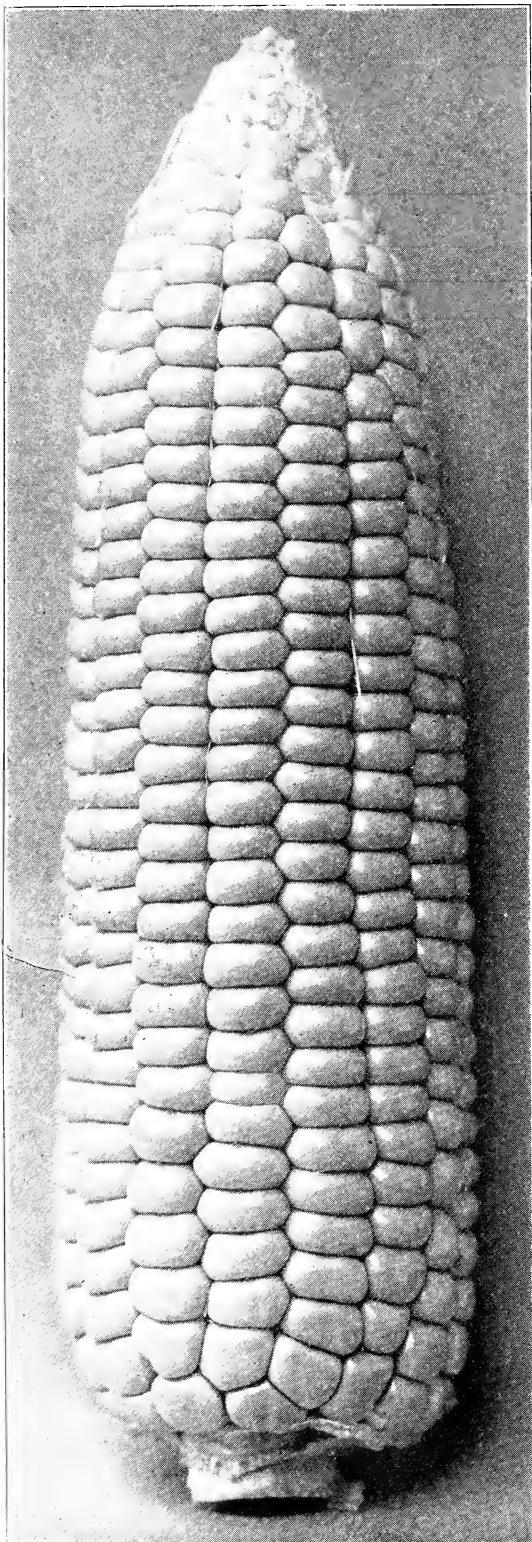
Breck's Selected Massachusetts Grown Golden Bantam

EARLY VARIETIES

★2260 **Golden Giant.** Ears twice the size of Bantam and being from 14 to 16 rows give nearly four times the yield per acre; richer in colour, more delicious, equally early. The husks are striped with red and very heavy. Golden Giant can be highly recommended to the market gardener because of the large ears and good shipping qualities of the corn. *Per 1/4 lb. 15¢; per 1/2 lb. 25¢; per lb. 40¢.*

★2355 **Breck's Selected Massachusetts Grown Golden Bantam.** The most popular variety of yellow sweet corn ever offered; also one of the earliest and hardest. The plants rarely grow over six feet in height, and usually bear at least two ears, 5 or 6 inches long, on each stalk. Many people assert that Golden Bantam is the sweetest of all corns; its plump, rich, cream-yellow kernels are tender, milky, and delicious. All our Golden Bantam seed is Northern grown, making it especially valuable for growth in sections where the summers are cool and short. *1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.25.*

2250 **Golden Dawn.** An extra early yellow variety, sweet and tender, ears slightly larger than Golden Bantam. Kernels large and deep set in even rows and filling the cob to the tip. Stalks about 6 feet high. Our stock of Golden Dawn is grown in eastern Massachusetts and has been most carefully selected. *1/2 lb. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.75.*



Bantam Evergreen Sweet Corn—Actual Size

SWEET CORN—EARLY

2290 Golden Orange Corn. A popular sort among the farmers and market gardeners in southern New Hampshire, Maine and eastern Massachusetts. Can be classed as an extra early sort, from 7 to 8 inches in length, slender, with small cob, kernels large, deep; set in even rows and filling out the ears to the tip. $\frac{1}{2}$ lb. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.75.

•**2205 Breck's Bantam Crosby.** The midget extra early Sweet Corn. Ready for the table before one can secure satisfactory ears of either Red or White Cory. *See specialties page 3.* Our customers will find Bantam Crosby a distinct novelty and a most interesting addition to the home garden. The Bantam Crosby has been carefully tested. We can recommend it with assurance for greenhouse culture as well as the open garden. *In sealed packages only, containing seed for 100 hills, 50¢ each.*

2100 Early Crosby. The standard and favourite early white variety; a little later than the Cory, but sweeter and with a larger ear; 5 to 6 inches long, corn fodder 5 to 6 feet high. $\frac{1}{2}$ lb. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.75.

•**2110 Breck's Early Hampshire.** An extra early variety which may be relied upon to mature ahead of Early Crosby. Ears comparatively large, evenly filled with small white kernels of fine quality. The plants which average about five feet in height, always bear two and often three ears on each stalk. Our seed grown in New England. $\frac{1}{2}$ lb. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.75.

•**2150 Early Mayflower.** An extra early white Sweet Corn. Matures about one week in advance of White Cory; growth of stalks 4½ to 5 feet. Ear larger than Cory, having eight to twelve rows of kernels. A profitable market garden variety. $\frac{1}{2}$ lb. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.75.

2170 Early Red Cory. A very early sort with good-sized ears and large kernels, an old favourite. $\frac{1}{2}$ lb. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.25.

2190 Mammoth White Cory. Quite as early as other Cory, but with much larger ears. $\frac{1}{2}$ lb. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.50.

2200 Peep-o'Day. An extra early, white variety, very sweet, large well-filled ear. $\frac{1}{2}$ lb. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.50.

2220 Pocohontas. An extra early white variety. Five to five and one-half dozen ears fill a bushel box. A most desirable variety for the market gardener. The ears are of uniform size, kernels large and tender, good flavour, filling the cob evenly and compactly. Pocohontas is preferred by a great number of the market gardeners in and around Boston to any other white variety. It is highly recommended. $\frac{1}{2}$ lb. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.75.

2240 Quiney Market. Larger and earlier than the common Crosby. Popular white market garden variety. $\frac{1}{2}$ lb. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.75.

SECOND EARLY VARIETIES

2130 Black Mexican. Said to be the sweetest corn in cultivation, medium early, ear of good size, kernels purplish-black. $\frac{1}{2}$ lb. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.75.

2230 Potter's Excelsior. The most popular white main crop variety, fodder of good size, ears well filled, flavour sweet. $\frac{1}{2}$ lb. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.75.

2270 Bantam Evergreen Corn. A yellow variety maturing about 10 days after the Golden Bantam and a week earlier than the Stowell's Evergreen white. It has an ear three times the size of Golden Bantam and runs 12, 14 and 16 rows to the ear. The stalk is about 6 feet tall and is perhaps 1 foot dwarfer than Stowell's Evergreen and 2 feet taller than Golden Bantam. The Bantam Evergreen has the tender and sweet qualities of the Golden Bantam and combines the quality of the Golden Bantam with the productiveness of Stowell's Evergreen. As a table variety it is unexcelled. $\frac{1}{2}$ lb. 15¢; 1 lb. 25¢; 2 lbs. 50¢; 12 lbs. \$2.75.

LATER VARIETIES

2120 Bearsfoot (Washington). A vigorous growing medium late variety of very good quality; popular among the market gardeners in the vicinity of Boston. Ears large, with somewhat irregular rows of deep kernels. $\frac{1}{2}$ lb. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.75.

SWEET CORN—LATE

2140 **Country Gentleman.** Late, large ear, kernels white and sharp pointed, placed in irregular rows on cob. A fine late variety and a general favourite. $\frac{1}{2}$ lb. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 12 lbs. \$2.75.

2210 **Platt's Strain, Stowell's Evergreen Sweet Corn.** The standard main crop variety for market and for home garden. Ears large, kernels deep, sugary and tender, remaining in green stage for an unusually long time. It is not uncommon for the ears to have 18 to 20 rows. $\frac{1}{2}$ lb. 15¢; 1 lb. 20¢; 2 lbs. 35¢; 12 lbs. \$2.25.

POP CORN for SEED

2280 **White Rice.** Western Grown, selected for seed. Lb. 15¢; per 100 lbs. \$10.00.

2300 **Japanese Pearl.** A small seeded white corn, popping pure white without kernel. Ears very small. A pleasing novelty for the home garden. Lb. 25¢; per 100 lbs. \$20.00.

CORN SALAD, or FETTICUS

Sow very early in Spring in shallow drills 1 foot apart. For an early Spring crop, sow in September and winter over in cold frames, or cover with litter. One ounce of seed will sow 100 feet of drill.

2400 **Large-leaved.** Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. \$1.00.

CRESS

2510 **Curled, or Pepperglass (*Lepidium Sativum*).** The popular sort. Sow thickly in drills, $\frac{1}{4}$ of an inch deep and a foot apart as early in Spring as the ground can be prepared. One ounce will sow about 100 feet of drill. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 35¢; lb. \$1.25.

2515 **Upland Cress (*Barbarea vulgaris*).** A perennial variety resembling Water Cress. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.

2520 **Water Cress (*Nasturtium officinale*).** This variety succeeds only in damp soils on the border of ponds or streams, or where its roots are partially submerged in water. Seed should be sown about $\frac{1}{4}$ inch deep. Pkt. 10¢; oz. 25¢.



White Spine Arlington Cucumber

CUCUMBER

Seed should be started under glass about May first for an early crop in order to have plants ready to set out in the garden 3 or 4 weeks later when the ground has become thoroughly warm. Plant the seed in paper or earthen pots not less than 4 inches in diameter, in berry baskets, or other receptacles which can be handled easily and carried to the field without disturbing the young plants; leave only the 3 or 4 strongest seedlings in each container. Well-rotted manure or fertilizer may be dug into the hills a week or two before planting time. In every good soil the distance between hills should not be less than 4 by 5 feet; in less fertile soils 4 by 4 feet will answer. It is generally safe to plant seed in the garden until late in May; for pickles the middle of June is early enough. Cultivate often, and continue as late in the season as is possible without injuring the plants. Always pick cucumbers before they begin to turn white or yellow. One ounce of seed will plant about 50 hills.

2540 **Breck's Forcing White Spine.** This seed raised from selected specimens by a Massachusetts Market Gardener and is the best obtainable. Pkt. 50¢; oz. \$5.00.

2550 **Boston Pickling.** Abundant crop of short, dark green fruit. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢.

2555 **Cool and Crisp.** Extra early, long straight and slender, dark green colour. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢.

2560 **Cumberland.** Very best pickling sort. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢.

2570 **Davis Perfect.** Splendid variety, dark green, 10 to 12 inches. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.

2580 **Early Cluster.** Grows in clusters. Bluish green colour. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢.

2590 **Early Frame.** Medium size. Valuable for both table and pickling. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢.

2600 **Early Russian.** Earliest variety. About 4 inches long. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢.

2610 **Everbearing.** Medium size, early and productive. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢.

2620 **Evergreen.** Without an equal, quantity and quality considered. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢.

2630 **Japanese Climbing.** Productive, fine quality. Excellent climbing vine. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.

2640 **Long Green Improved.** Late, 12 inches long, tender, excellent flavour. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.

2650 **Klondike.** Medium sized, uniform cucumber, 7 inches long, diameter about 2 inches when in first-class condition for slicing. Colour a rich dark green. Highly recommended. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.

2660 **West India Gherkin.** Short green oval cucumber for pickling. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.

2670 **White Spine Improved.** General favourite and most popular variety, early, uniform in size, splendid slicing cucumber. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢.

2680 **White Spine Arlington.** Seeds from selected stock of the Improved White Spine, giving cucumbers of more uniform size and better colour. This strain used largely for forcing in the greenhouse. Pkt. 15¢; oz. 30¢; $\frac{1}{4}$ lb. \$1.00.

ENGLISH FRAME VARIETIES

These are grown chiefly by private gardeners. They attain a length of from 12 to 30 inches, and are of fine quality. Packet 50¢ each.

2690 **Tender and True.**

2705 **The Rochford**

2700 **Blue Gown**

2710 **Rollinson's Telegraph**

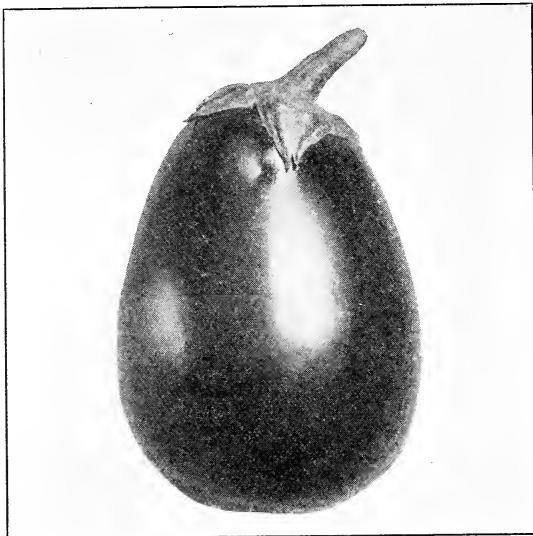
DANDELION

When grown in deep rich soil cultivated varieties produce large, tender leaves much superior to those of the wild dandelion, both in size and flavour. Sow seed early in May in shallow drills about a foot apart; later, thin the plants to 6 inches apart in the row, and cultivate to keep down the weeds. If blanched with soil the leaves make excellent salad. The plants may be held over Winter by covering with litter after the ground freezes but before the advent of severe weather.

2720 **American Improved.** Large fleshy leaves. Pkt. 25¢; oz. \$1.50; $\frac{1}{4}$ lb. \$5.00.

2730 **French Garden.** Pkt. 10¢; oz. 60¢; $\frac{1}{4}$ lb. \$1.75.

2740 **Thick-leaved French.** Large and tender. Pkt. 15¢; oz. 75¢; $\frac{1}{4}$ lb. \$2.00.



Egg-Plant, New York Improved

EGG-PLANT

Owing to their extreme tenderness, Egg-Plants should not be set out in the garden much before the middle of June. This vegetable may well be planted in soil heavily manured for some earlier crop such as radishes. Sow in a hot-bed about April first, transplant into another bed, and later shift into 4 or 5 inch pots. In warm settled weather transfer to the garden, setting the plants 2 by 3, or 3 by 3 feet. Conservation of moisture is important. One ounce of seed will produce about 1000 plants.

For Plants, Egg-Plant, see page 29

2750 **Black Beauty.** Early fruit, jet black, round in form and very solid. *Pkt. 15¢; oz. 85¢; 1/4 lb. \$3.00.*

2760 **Early Long Purple.** Differing only in shape from the foregoing; hardy and productive. *Pkt. 15¢; oz. 85¢; 1/4 lb. \$3.00.*

2770 **New York Improved.** The leading market variety; excellent and very productive. *Pkt. 15¢; oz. 85¢; 1/4 lb. \$2.75.*

ENDIVE

Although Endive is sown chiefly in the latter part of July for Winter use, an early crop may be started in April. Sow in shallow drills a foot apart in rich, moist soil, and later thin the plants to one foot apart. Unless wanted for soups, the leaves should be blanched when 6 or 8 inches long by tying the tops together around the heart with coarse twine or raffea. This should be done only when the plants are dry or they will rot. Moreover, do not blanch the plants faster than they can be used. Blanching usually requires 15 or 20 days. Before freezing weather the plants may be lifted with some earth adhering to the roots, and reset in a cool cellar or shaded cold frame. Stored in this way Endive may be preserved well into the Winter.

One ounce of seed will sow 150 feet of drill.

2780 **Broad Leaved (Escarolle).** A very sweet variety for Autumn and Winter use. *Pkt. 10¢; oz. 30¢; 1/4 lb. \$1.00.*

2790 **Green Curled.** The standard sort, suitable for Autumn and Winter. *Pkt. 10¢; oz. 35¢; 1/4 lb. \$1.00.*

2800 **Moss or Parisian Curled.** A small, very beautifully curled sort. *Pkt. 10¢; oz. 35¢; 1/4 lb. \$1.00.*

2810 **White Curled.** Grown for early use. *Pkt. 10¢; oz. 35¢; 1/4 lb. \$1.00.*

FLORENCE or SWEET FENNEL

2820 A delicious Italian vegetable which tastes rather like Celery, but is a little sweeter and more delicate in flavour. The enlarged leaf-bases are usually boiled in preparation for the table. Sow at intervals in the Spring, in rows 18 inches apart. Thin the seedlings to 6 or 8 inches apart in the row, and cultivate frequently. Later, blanch the bottom and stalks by earthing-up like celery. *Pkt. 10¢; oz. 50¢.*

KALE—see Borecole

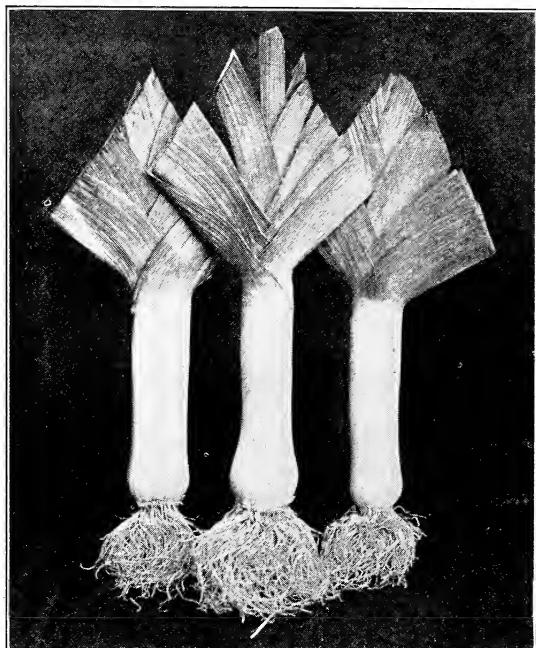


KOHL-RABI—Turnip Rooted Cabbage

This vegetable, the enlarged stems of which are superior to the turnip in flavour, is closely related to cabbage, and no more difficult to grow. Early plants can be started in hot-beds in the same manner as cabbage. Seeds may be sown in the garden in May, June, and July, in shallow drills 18 inches apart; later, thin the plants to 8 inches apart in the row. Kohl-Rabi should be eaten when about 3 inches in diameter, before the flesh becomes woody. One ounce of seed will sow 150 feet of drill.

2830 **Early White Vienna.** Flesh white. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

2840 **Early Purple.** Differing from the above in colour. *Pkt. 10¢; oz. 35¢; 1/4 lb. \$1.25.*



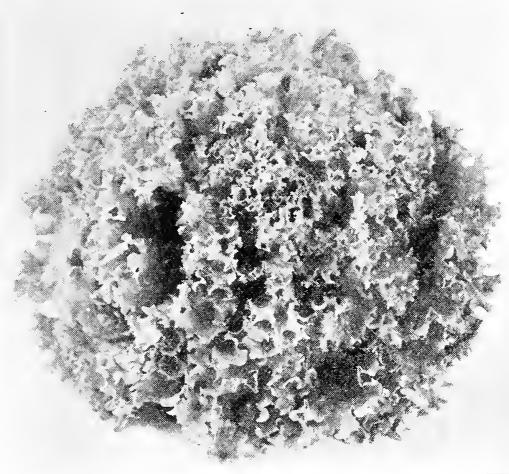
LEEK

Sow the seed in moist soil as early in Spring as the ground can be prepared. In July cut back the tops severely and transplant the seedlings forthwith, setting them at least 4 inches apart in trenches 5 inches deep and one foot apart. As the plants grow, gradually fill in the trenches. One ounce of seed will sow 100 feet of drill.

2850 **Large Flag.** A hardy and profitable sort, excellent for Winter use. *Pkt. 10¢; oz. 35¢; 1/4 lb. \$1.00.*

2860 **Large Rouen, Winter.** Large and of fine flavour. Remains a long time in good condition. *Pkt. 10¢; oz. 35¢; 1/4 lb. \$1.00.*

2870 **Musselburgh or Carentan.** The famous Scotch sort, large, hardy and distinct. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.25.*



Boston Curled Lettuce



Breck's Black Seeded Tennis Ball Lettuce

LETTUCE

Lettuce is the most popular of all salad plants, and, at the same time, is one of the easiest to grow due to its comparative freedom from disease and insects. While all types of lettuce thrive in properly enriched, loose, light loams, they will grow satisfactorily in any good garden soil; heading varieties, particularly, should never be planted in compact heavy soils. A satisfactory way of starting the early crop is to sow in hot-beds in March, and transplant to 2 by 2 inches preferably in flats, which may be transferred to cold frames when the plants are strong enough. Plants that have been properly hardened in cold frames may be set out of doors as early as the ground can be prepared; the rows should be made 12 or 15 inches apart, with plants 1 foot apart in the rows. Seed may be sown in the open from the latter part of April until the middle of August. Most of the Cos varieties will be of finer quality if blanched by tying the tops together with soft twine or raffia when the plants have nearly attained their growth.

One ounce of seed should produce about 4000 plants.

Breck's Boston Market, Big Boston, and Hittinger's Belmont are especially suitable for growing under glass.

For Lettuce Plants see page 29

CURLED-LEAF LETTUCE

2920 **Black Seeded Simpson.** A superior variety, large light-coloured heads. *Pkt. 10¢; oz. 15¢; 1/4 lb. 30¢; lb. \$1.00.*

2930 **Boston Curled.** Esteemed for its earliness, beauty and good table qualities. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.50.*

2960 **Grand Rapids Forcing.** Large and tender, fine for forcing. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.50.*

HEAD LETTUCE

2880 **Big Boston.** Suitable for cold frames or open ground. *Pkt. 10¢; oz. 30¢; 1/4 lb. 75¢; lb. \$2.50.*

2890 **Breck's Boston Market.** A carefully selected strain of White Seeded Tennis Ball. Grows very compact, and is a most profitable forcing variety. *Pkt. 15¢; oz. 75¢; 1/4 lb. \$2.50.*

2900 **Breck's Black Seeded Tennis Ball.** Arlington strain. One of the most popular sorts for outdoor cultivation. The heads are tender and compact with outer leaves. *Pkt. 10¢; oz. 40¢; 1/4 lb. \$1.25; lb. \$4.50.*

2910 **Breck's Waban.** Early, bronze edge, loose heading, crisp. *Pkt. 10¢; oz. 40¢; 1/4 lb. \$1.00; lb. \$3.50.*

2940 **California Cream Butter.** A Summer cabbage variety. Does well in this section. Outer leaves large, glossy, deep green, tinged slightly with brown. Heart rich golden-yellow. *Pkt. 10¢; oz. 30¢; 1/4 lb. \$1.00; lb. \$2.50.*

2950 **Early Prize Head.** Large heads, dark coloured, tender and fine. *Pkt. 10¢; oz. 25¢; 1/4 lb. 60¢; lb. \$2.00.*

2970 **Hanson Improved.** One of the best outdoor sorts, large, solid, heavy, crisp heads. *Pkt. 10¢; oz. 25¢; 1/4 lb. 60¢; lb. \$1.50.*

2980 **Hittinger's Belmont.** Unsurpassed for greenhouse forcing. Heads are larger than White Seeded Tennis Ball, and a little later; seed is local grown and highly selected. *Pkt. 15¢; oz. 75¢; 1/4 lb. \$2.50.*

2990 **Iceberg.** Large, solid heads, handsome, tender, and crisp. *Pkt. 10¢; oz. 20¢; 1/4 lb. 50¢; lb. \$1.25.*

2992 **Mammoth Black Seeded Butter.** Cabbage butter head. Will not turn yellow when lightly frosted, making it a valuable Autumn variety. Colour, medium green leaves slightly crumpled. *Pkt. 10¢; oz. 40¢; 1/4 lb. \$1.25; lb. \$4.50.*

3000 **May King.** Large, solid head, tender, yellow heart. *Pkt. 10¢; oz. 40¢; 1/4 lb. \$1.25; lb. \$4.50.*

3005 **Breck's New Early May King.** See Specialties page 3.

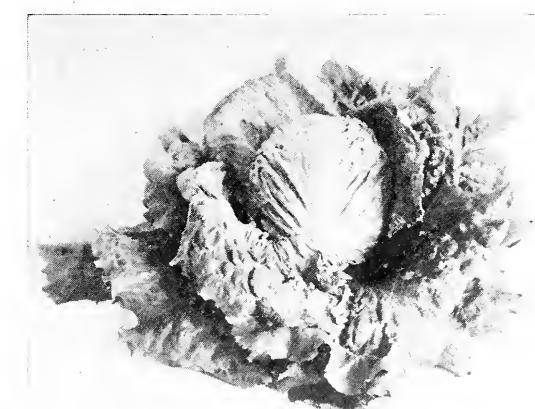
3010 **Mignonette.** A variety which forms small, compact heads; excellent for the home garden. *Pkt. 10¢; oz. 30¢; 1/4 lb. 75¢; lb. \$2.25.*

3020 **New York, or Wonderful.** Curled or crisp heading variety. Medium large, dark green and slightly curled on edges. The head at first is pointed or conical but globular at maturity. *Pkt. 10¢; oz. 40¢; 1/4 lb. \$1.25; lb. \$4.50.*

3040 **Salamander.** One of the best Summer cabbage sorts. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.00.*

3050 **Sensation.** Excellent for forcing or outdoor culture; it does well during the hot Summer months; heads large and solid. *Pkt. 10¢; oz. 20¢; 1/4 lb. 60¢; lb. \$1.75.*

3070 **White Seeded Tennis Ball.** Large heads; a leading sort. *Pkt. 10¢; oz. 60¢; 1/4 lb. \$2.00; lb. \$6.00.*



New York Lettuce



Paris White Cos Lettuce

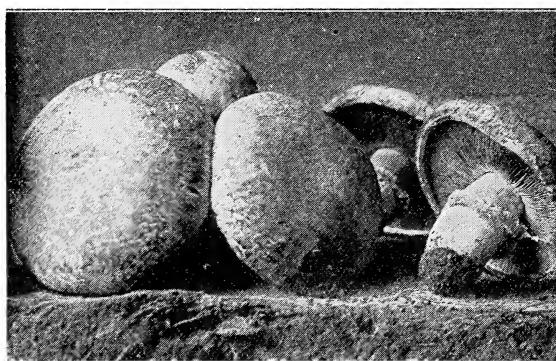
COS LETTUCE

3030 Paris White Cos, or Romaine. Very early; requires tying to blanch. Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.00.
 3060 Trianon, Self-Closing Cos. The best Cos sort, withstands warm weather. Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

MARTYNIA

The seed pods are used for pickling, and should be gathered when green and tender. Although some gardeners prefer to start the plants in hot-beds, sowing can be made out of doors late in May. It is customary to plant several seeds together at 3-foot intervals in rows 3 feet apart. Later thin out so that the plants will stand 3 feet apart each way.

3445 Martynia Proboscidea. Pkt. 10¢; oz. 50¢.



MUSHROOMS

Mushrooms may be grown in cellars, sheds, under greenhouse benches, or wherever the temperature will range between 50 and 65 degrees and is fairly uniform. Fresh stable manure, composed of about equal amounts of horse droppings and straw or litter, is the best material of which to make the beds. Mix three parts of manure with one part of fresh loam. Before this mixture is used, it should be piled in heaps about 3 feet high and moistened throughout, but not drenched. Every 4 or 5 days fork the heaps over carefully and tread them down. In from 2 to 3 weeks, when the temperature in the heaps has dropped somewhat, the bed should be made. Spread a thin layer of the mixture and tramp or pound it firm; repeat this process until the bed is 10 or 12 inches deep; leave it thus for a few days until the temperature, inclined to rise suddenly at first, has declined to about 70 or 75 degrees. Conditions will then be suitable for spawning, which is done by making holes about 3 inches deep and one foot apart

each way; into each hole insert a piece of spawn about $1\frac{1}{2}$ inches square and fill in the hole with compost.

In about ten days, when the spawn has had time to diffuse itself through the bed, spread a layer of fine loam over the surface to the depth of 1 or $1\frac{1}{2}$ inches. A light mulch of straw will help to conserve moisture. Ordinarily, mushrooms should begin to appear in from six to ten weeks and continue to come for about two months. If the surface of the bed becomes dry, sprinkle it with water at a temperature of about 80 degrees. When the bed is apparently exhausted it may often be stimulated to further production by spreading over it $\frac{1}{2}$ an inch of fresh loam and watering thoroughly, using warm water to which sheep manure has been added at the rate of $\frac{1}{2}$ a pound to 3 gallons. One brick of Spawn is sufficient for ten square feet of bed. Pure Culture Spawn can be relied upon to produce mushrooms of a uniform type and colour. Its use positively precludes all danger of growing poisonous varieties. The culture with which the bricks are inoculated is taken from carefully selected, prolific mushrooms of the most desirable cream white variety—the sort preferred by connoisseurs. There are two kinds of bricks, Direct and Standard; the former are inoculated directly from an original culture; the latter from a pure culture produced from an original. All bricks are fresh, being received at frequent intervals from the laboratory.

3080 **Mushroom Spawn.** Direct Bricks, Standard American. Pure culture. 40 cents per brick; 20 bricks for \$6.50; 100 bricks for \$30.00.

3081 **Genuine English Mill Track.** Freshly imported. Price same as American Spawn. Book: "Mushroom Growing," by Duggar, \$2.00.

MUSTARD

Mustard is usually cultivated for salad purposes, but may also be used for greens. Seed may be sown from April to August in shallow drills 12 or 15 inches apart. The leaves should be cut for use when about 2 inches long. One ounce of seed will sow 50 feet of drill.

3430 **Brown or Black.** More pungent in flavour than the white. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 50¢.

3435 **Chinese.** Leaves twice the size of the ordinary white mustard, of a deeper green, flavour pleasantly sweet and pungent. Desirable as a salad. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.

3440 **White London.** Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢.

MUSKMELON

Good Muskmelons may be grown in almost any soil if it is skillfully handled; a sandy loam that was heavily manured the previous year for some other crop, such as onions or carrots, is ideal. Begin to prepare the soil early in Spring. Late in May, when the ground is warm, plant the seed 1 inch deep in hills 5 or 6 feet apart each way, putting in 8 or 10 seeds per hill. Frequent and shallow cultivation is essential to success. Much trouble with insects is often avoided by starting the plants under glass. Plant the seed in berry baskets, pots, or other containers from which the seedlings can be removed easily, and without disturbing the soil about their roots.

Tobacco or plaster dust sprinkled on the plants makes them distasteful to insects. The striped cucumber beetle is perhaps the most destructive pest likely to attack melon vines. One ounce of seed will plant about 50 hills; 2 to 3 pounds, 1 acre.

3090 **Bay View Cantaloupe.** Large size, green flesh, fine flavour, late. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.50.

3095 **Breck's Improved Emerald Gem.** Large solid orange flesh. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.00.

3100 **Early Christiana.** Green with yellow flesh, an excellent early sort. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.50.

3105 **Emerald Gem.** Small but prolific, superior quality orange flesh. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 75¢; lb. \$1.75.

3110 **Hackensack.** Large, productive and fine flavoured, green flesh. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.50.

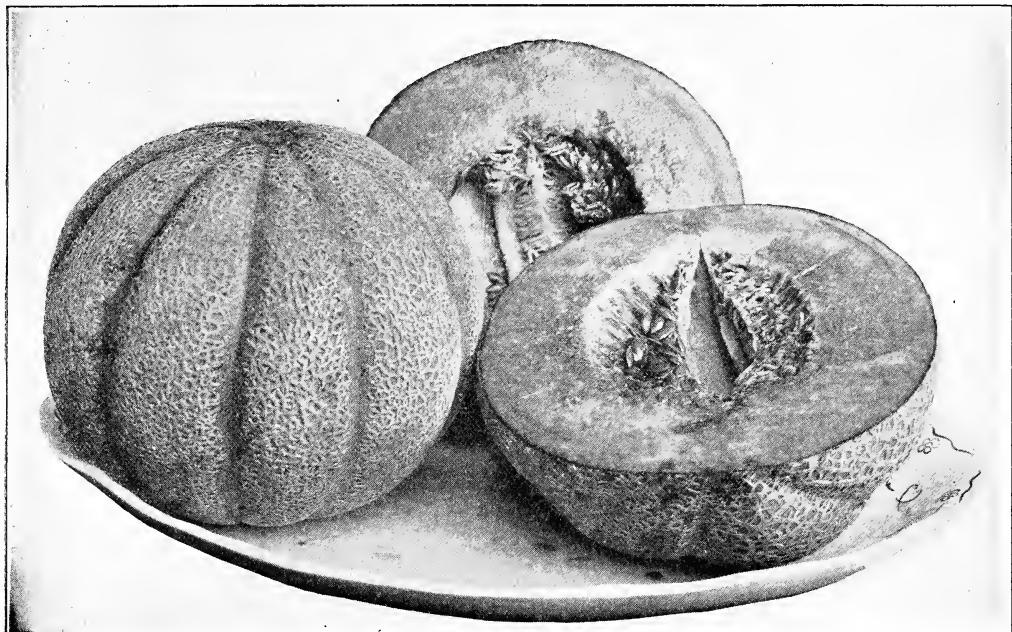
3115 **Honey Dew.** A large light-coloured smooth skin melon, weighing eight to ten pounds. Thick flesh; colour, light green. Delicious honey-like flavour. Pkt. 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50;

3120 **Miller's Cream.** Osage type, thick, salmon-coloured flesh. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 85¢; lb. \$1.75.

3125 **Montreal Green Nutmeg.** Early, large size, excellent quality, flesh green. Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. 85¢; lb. \$1.75.

3122 **Oka — A New Montreal Melon.** Originating in Canada, seed from the originator's stock. A selection of the Montreal Market crossed with a red flesh variety. See specialties page 4. This seed is put up in sealed packages only.

Per package 25¢.



3130 **Osage.** Light green, netted skin, orange flesh, good quality. *Pkt. 10¢; oz. 20¢; 1/4 lb. 50¢; lb. \$1.75.*

3135 **Rocky Ford, or Netted Gem.** Very popular, flesh light green; sweet and delicate flavour. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$1.50.*

MELONS FOR FORCING

Imported varieties, the most popular sorts for Greenhouse culture. All 50¢ per package.

3140 **Invincible Scarlet.** Form globular, colour orange-red when ripe, good flavour.

3145 **Sutton's A-1 Improved.** Flesh scarlet, medium size, delicious flavour.

3146 **Sutton's Improved Universal.** White flesh, highly recommended.

3148 **Improved Barnet Hill.** A red flesh variety which has given very satisfactory crops; good flavour.

3155 **Blenheim Orange.** Scarlet flesh, fine flavour, prolific, finely netted, thin rind.

3160 **Royal Sovereign.** Slightly netted, colour beautiful golden-yellow; flesh white, thick, firm; thin rind.

WATERMELONS

Watermelons require the same general treatment as muskmelons, but being more tender they should have the best possible exposure. Make hills at least 8 by 8 feet apart. Watermelon seed is usually sown in the open ground. One ounce of seed will plant about 30 hills; 4 pounds, 1 acre.

3170 **Black Spanish.** Scarlet flesh, thin rind, sugary flavour. *Pkt. 10¢; oz. 15¢; 1/4 lb. 50¢.*

3180 **Citron.** For preserving. *Pkt. 10¢; oz. 15¢; 1/4 lb. 50¢.*

3185 **Cole's Early.** Medium size, red flesh, green skin. *Pkt. 10¢; oz. 15¢; 1/4 lb. 50¢.*

3190 **Cuban Queen.** Round, large, bright red. *Pkt. 10¢; oz. 15¢; 1/4 lb. 50¢.*

3195 **Hungarian Honey.** Very early, round shape, brilliant red flesh. *Pkt. 10¢; oz. 15¢; 1/4 lb. 50¢.*

3200 **Ice Cream.** Medium size, solid, scarlet flesh, fine flavour. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢.*

3205 **Mountain Sweet.** One of the best for general culture. *Pkt. 10¢; oz. 15¢; 1/4 lb. 25¢.*

3210 **Phinney's Early.** Standard sort for New England, bright red flesh, sweet and tender. *Pkt. 10¢; oz. 15¢; 1/4 lb. 25¢.*

3215 **Sweetheart.** Very large, fine quality. *Pkt. 10¢; oz. 15¢; 1/4 lb. 25¢.*

3220 **Vick's Early.** Early, medium size, oblong form, pink flesh. *Pkt. 10¢; oz. 15¢; 1/4 lb. 25¢.*

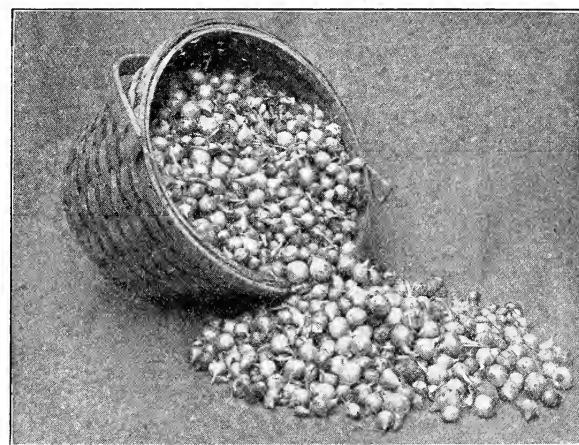
OKRA or GUMBO

This warm weather vegetable grows freely in any ordinary garden soil. Its tender young seed-pods are used in soups and stews. About the middle of May, sow seed sparingly in drills 3 feet apart and 2 inches deep; later, thin the plants to 12 or 15 inches apart in rows. One ounce of seed will sow 50 feet of drill.

3365 **Dwarf Green.** Early and productive, tender pods. *Pkt. 10¢; oz. 25¢; 1/4 lb. 50¢.*

3370 **Tall Green.** Later than the foregoing, an immense cropper, pods extra large and tender. *Pkt. 10¢; oz. 15¢; 1/4 lb. 25¢.*

3375 **White Velvet.** Large, creamy-white pods, very tender. *Pkt. 10¢; oz. 15¢; 1/4 lb. 25¢.*



ONION SETS

The sets should be planted out as early in Spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 3 or 4 inches apart. When raised from sets the onions can be used in the green state in June, or they will be ripened off by July.

3340 **Yellow.** Per lb. 35¢; 8 lbs. \$2.25.

3345 **Potato Onions.** Per lb. 50¢; 8 lbs. \$3.00.

3350 **White.** Per lb. 35¢; 8 lbs. \$2.50.

3355 **Shallots.** Per lb. 40¢; 8 lbs. \$2.50.

3360 **Red.** Per lb. 35¢; 8 lbs. \$2.25.



Part of our Mass. Grown Yellow Globe Danvers Onion.

Picture taken a short time before the seed was harvested

ONIONS

The Onion requires a very fertile soil for the best development of its bulbs. While muck and peat soils are ideal, sandy loams properly enriched with well-rotted manure furnish excellent conditions. Onions should always be grown on practically level land, or considerable loss may be sustained from washing. As early in Spring as the land can be worked, sow seed sparingly in drills 1 foot apart and about $\frac{1}{2}$ inch deep. Unless the soil is quite moist it should be pressed firmly down on the seed to insure rapid and uniform germination. Weeding and thinning must be done by hand; at the first weeding, thin out to about 8 plants per linear foot of row. Cultivation should be shallow and frequent. When all the tops are yellow the onions are usually pulled and left on the ground for 10 days or more if the weather is favourable, until the outer skin of the bulbs is dry; after the first three or four days, stir them occasionally with a wooden rake to hasten the process. One ounce of seed will sow 100 feet of drill; from 4 to 5 pounds, 1 acre.

3240 Breck's Yellow Globe Danvers. This is a home-grown pedigree strain that we believe to be superior to any other Yellow Globe obtainable. Pkt. 25¢; oz. 85¢; $\frac{1}{4}$ lb. \$2.50; lb. \$6.00.

3245 Yellow Globe. Grown from selected bulbs, a very good type. Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.50.

3250 Yellow Southport Globe. Handsome and distinct, somewhat late. Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.50.

3255 Yellow Early Cracker. Flat shape, early, and a good keeper. Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

3260 Yellow Prizetaker, or Globe Spanish. Large, light yellow. Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

3265 Red Globe (Southport Strain). The finest large red sort. Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.50.

3270 Red Large Wethersfield. Immense yielder, excellent keeper. Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

3275 Red Extra Early. Flat shape, deep red, mild flavour. Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

3280 Red Italian Tripoli. Large size, flat shape, mild flavour. Pkt. 15¢; oz. 60¢; $\frac{1}{4}$ lb. \$2.00; lb. \$6.00.

ONION SMUT

The most serious disease of the onion; can be well controlled by soaking the seed before planting for about 20 minutes in a solution of Formalin, one ounce in a gallon of water. Thoroughly dry the seed before planting.

3285 Giant Rocca. Globe-shape, light red, very mild flavour. Pkt. 15¢; oz. 60¢; $\frac{1}{4}$ lb. \$2.00; lb. \$6.00.

3290 Giant Gibralter. Selection from a Spanish onion known as Denia; grows very large; colour light yellow. Pkt. 25¢; oz. \$1.00; $\frac{1}{4}$ lb. \$3.50.

3295 Ailsa Craig. A variety that will grow to enormous size; globular, skin light yellow, flesh white; good keeper; grown largely for exhibition purposes. Pkt. 25¢; oz. \$1.00; $\frac{1}{4}$ lb. \$3.50.

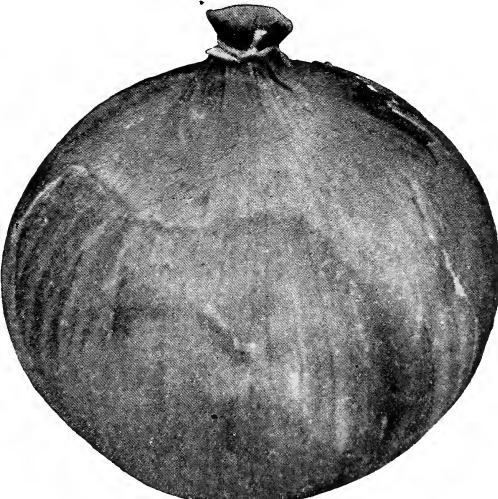
3300 White Globe (Southport Strain). Mild flavour, early and large, not a good keeper. Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

3305 White Italian Tripoli. Large white variety, mild. Pkt. 10¢; oz. 60¢; $\frac{1}{4}$ lb. \$2.00; lb. \$6.00.

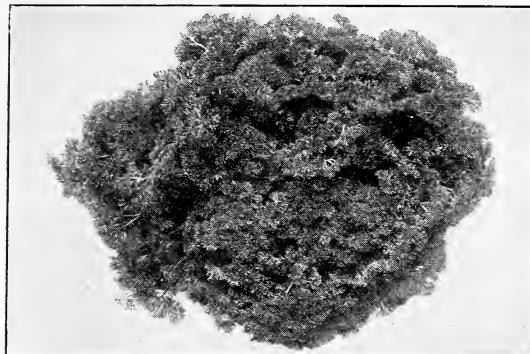
3310 White Portugal. Large, flat shape, mild flavour, not a good keeper. Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

3320 White Queen. Small, pure white, extra early, fine for pickles. Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

3325 White Mammoth Garganus, or Silver King. Silvery white, large size, mild flavour. Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.



Ailsa Craig



PARSLEY

Parsley is the most beautiful vegetable grown for garnishing and flavouring purposes. It will thrive in any fertile garden soil; a single row forms an effective edging for beds and walks. Sow early in Spring, or at intervals until June, in shallow drills about 1 foot apart; when the plants are 2 inches high, thin out to 6 or 8 inches apart in the row. The seed germinates very slowly, and sometimes three weeks elapse before the seedlings appear. For Winter use the plants may be set in protected cold frames. The Turnip-rooted variety should be treated in the same way as Carrots. One ounce of seed will sow about 150 feet of drill.

3380 **Breck's Double Green Crest.** A splendid sort for frames or open ground. Pkt. 25¢; oz. 75¢; $\frac{1}{4}$ lb. \$2.00.
 3385 **Champion Moss Curled.** Leaves beautifully curled, extra fine for garnishing. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.
 3390 **Fern Leaved.** Most exquisite in form and colouring. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.
 3395 **Hamburg, or Turnip-Rooted.** Roots used for flavouring soups. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.
 3400 **Lincoln Green.** Famous English variety, compact growth, finely curled. Pkt. 25¢; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00.

PARSNIP

Parsnips need a long growing season in order to reach maturity; consequently the seed should be sown early in Spring. Any of the lighter types of soil, high in fertility, will grow smooth roots. Sow thickly in drills 15 or 18 inches apart and 1 inch deep; when the plants are well started, thin out to 5 or 6 inches apart in the row. Since parsnips are perfectly hardy and freezing improves their quality, it is customary to dig in the Fall only enough roots for Winter use, leaving the balance of the crop in the ground until Spring.

One ounce of seed will sow about 100 feet of drill; 5 pounds 1 acre.
 3410 **Breck's Market Garden.** For flavour, texture of flesh, form, smoothness and as a cropper, this variety is without an equal. Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. \$1.00.
 3415 **Early Round, or Turnip-Rooted.** Suitable for shallow soils, fine cropper and good quality. Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. \$1.00.
 3420 **Hollow Crown.** Standard sort, large, good flavour. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.
 3425 **Long Smooth White.** Free from coarse roots, general favourite. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢; Per lb. \$2.25.

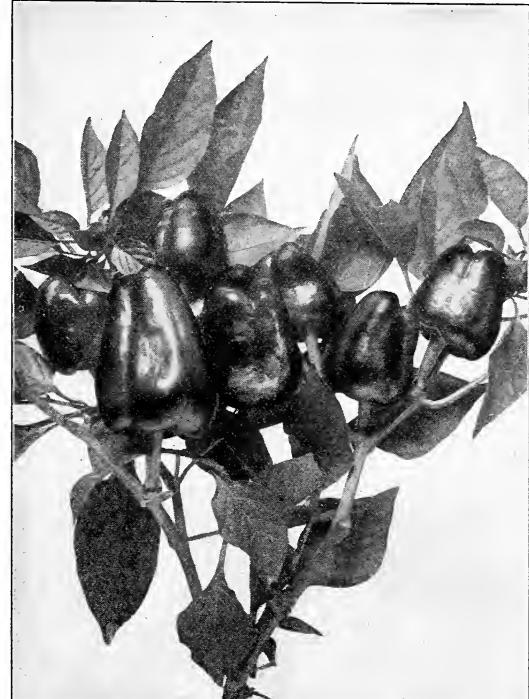
PEPPERS

Sow the seeds in hot-beds about the middle of March, and transplant the seedlings to 2 by 2 inches apart as soon as they are strong enough. It is an advantage to shift the plants again, two or three weeks later, into pots of proper size. In the latter part of May, when the ground is warm, plant in the garden in rows 2 feet apart, leaving 12 or 14 inches between plants in the row. Peppers should be cultivated in the same way as egg-plants, and will thrive in any well-drained soil.

One ounce of seed will produce about 2000 plants.

For Pepper Plants see page 29

3670 **Cayenne, Long Red.** The pods of this variety are from 3 to 4 inches in length, cone shaped, and coral red when ripe. Pkt. 10¢; oz. 75¢.
 3675 **Large Bell, or Bull Nose.** Fruit large, an early sweet variety. Pkt. 10¢; oz. 50¢.



Sweet Upright Pepper

3680 **Chinese Giant.** Grows very large and uniform; as early as Ruby King and very mild. Pkt. 15¢; oz. \$1.00.
 3685 **Neapolitan.** Early, large, skin bright red, very mild flavour. Fruit 4 inches long and 4 to 5 around. Pkt. 10¢; oz. 75¢.
 3690 **Pimiento.** Desirable for salads or for stuffed Peppers. Medium size, thick flesh, mild flavour. Pkt. 10¢; oz. 75¢.
 3695 **Red Cherry.** Fruit round, very productive and ornamental. Pkt. 10¢; oz. 75¢.
 3700 **Red Chili.** Used for pepper sauce; small narrow pods, about 5 inches long; fine flavour. Pkt. 10¢; oz. 65¢.
 3705 **Ruby King.** Pods about 5 inches long; fine flavour. Pkt. 10¢; oz. \$1.00.
 3710 **Squash, or Tomato-Shaped.** The kind most generally grown for pickling; an excellent sort. Pkt. 10¢; oz. 85¢.
 3715 **Sweet Mountain, or Mammoth.** Similar in shape to the Large Bell, but of much larger size. Pkt. 10¢; oz. 85¢.
 3720 **Sweet Upright.** A very desirable medium size sweet pepper. Fruits borne upright on plants, which are small and compact. Pkt. 15¢; oz. 85¢.

FARMOGERM — FOR LEGUMES

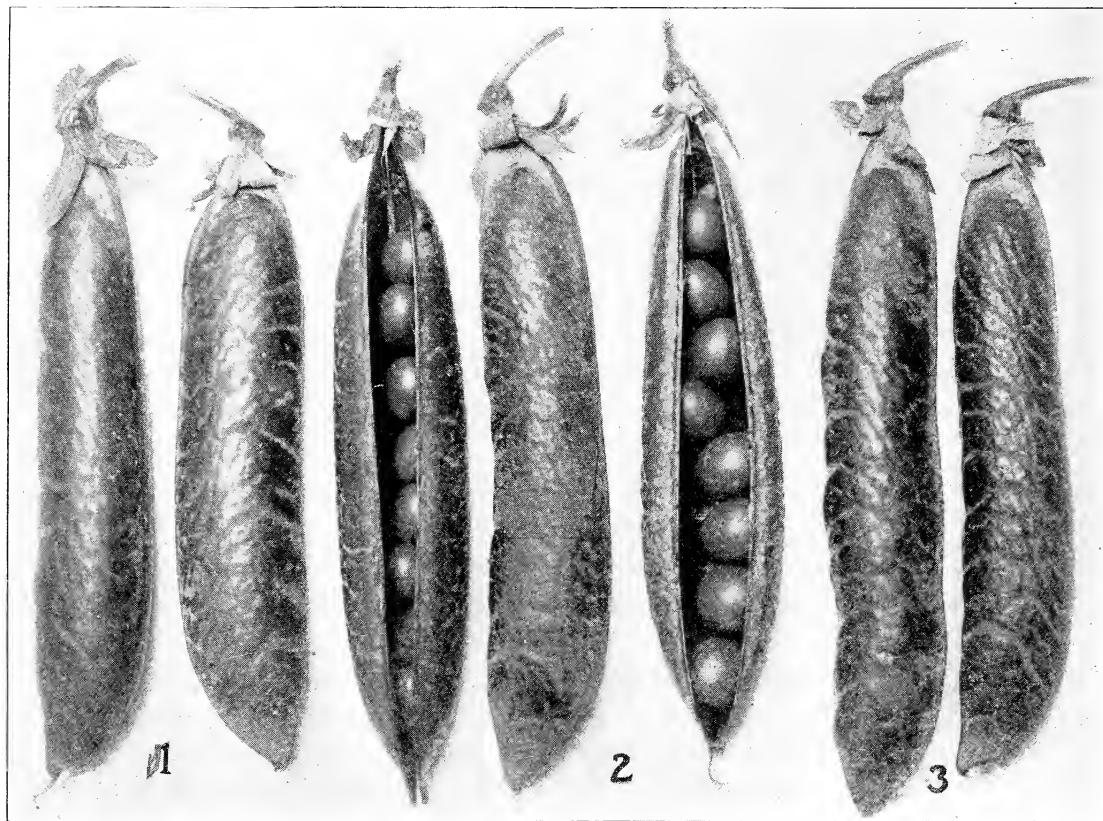
Through the use of this seed inoculant you insure the growing of bigger crops. **Farmogerm** is always fresh — sold in the bottles with patented stopper which enables the bacteria to breathe air, insuring long life without deterioration.

Farmogerm is prepared for *Alfalfa*, *clovers*, *vetch*, *cow peas*, *soy beans*, *garden and sweet peas*, and *beans* and all other legumes. Vetch six feet long, yielding three tons of hay to the acre, has been produced from seed inoculated with Farmogerm at a cost of only \$2.00 an acre. From 100 to 200 per cent. increase in clover has come from Farmogerm-inoculated seed at the same cost per acre.

Farmogerm is sold in four sizes as follows: Bottles containing enough bacteria to inoculate seed for Twelve acres, \$9.00.

Three acres	\$2.50
One acre	1.00
Garden size (quarter acre) . . . . .	.50

(Postpaid when cash accompanies order.)



1 Gradus

2 Breck's Improved Telephone

3 Alderman

PEAS

The Pea is one of the vegetables which almost invariably find a place in home gardens. Peas mature earliest in light, fertile loams, but will give good results in any well-prepared garden soil. Sow the smooth sorts as early in Spring as the ground can be worked; after that, make successive plantings every ten days until about the middle of June, giving the wrinkled sorts the preference. From the middle to the end of July, when the driest and hottest weather of the season is usually over, plantings of the extra early varieties may again be made with reasonable hope of a crop. Inoculate the seed with Farmogerm if possible. Plant in trenches, or wide furrows, 3 or 4 inches deep and from 18 inches to 4 feet apart, according to the height of the variety. Brush, or supports of some kind, should always be provided for the vines of tall-growing sorts.

All peas sold by weight, not by measure. One pound equals about 1 pint, and 14 pounds about 1 peck, dry measure. Two pounds of peas will plant about 100 feet of drill.

Peas by the packet, post-paid. At the prices quoted below we do not deliver peas purchased by the pound, two pounds, etc.

For Parcel Post rates, see third page of cover.

EXTRA EARLY

3460 Pilot. An extra early, round seeded or smooth Pea. Can be planted as soon as ground can be worked. Pods as large as the Gradus. Very prolific, highly recommended as an extra early market sort. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 75¢; 7 lbs. \$2.50.*

3465 Pioneer. An improvement on the popular Laxtonian. Vines about 20 inches high; colour light green. Vigorous growth. The pods pointed and a little darker in colour than the vine. Considered fully four days earlier than Laxtonian. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 75¢; 7 lbs. \$2.40.*

3470 Laxton Superb. New early Pea which received Award of Merit from English Royal Horticultural Society. A very early, hardy, large-podded, almost smooth-seeded pea. Vigorous growth, very prolific; even growth of vine; height about 20 inches. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 75¢; 7 lbs. \$2.40.*

3475 Alaska, or Clipper. An extremely early, smooth, blue pea. Vines about 2 feet high; dark green pods, well filled. *Pkt. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 7 lbs. \$1.50.*

3480 American Wonder. Height 12 to 15 inches. Very early wrinkled pea of fine quality. *Pkt. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 7 lbs. \$1.50.*

3490 Breck's Old Glory. Superior to all other extra early varieties in size, quality, and productivity. A favourite market garden sort. Long, dark green pods packed with large, slightly wrinkled peas; vines tall-growing and vigorous. *Pkt. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 7 lbs. \$1.50.*

3495 Claudit. An early, tall-growing variety of excellent quality. Peas large, deep green, and slightly wrinkled. *Pkt. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 7 lbs. \$1.50.*

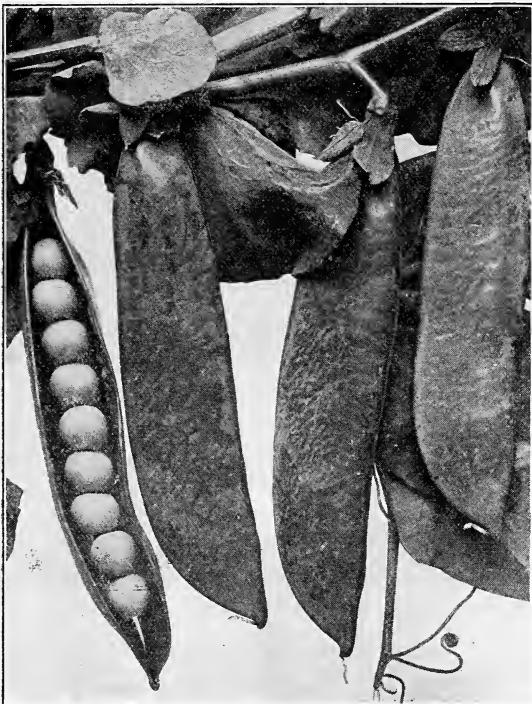
3500 Gradus, or Prosperity. The most popular early variety among both private and market gardeners in this locality. Pods large, pointed, and uniform in shape; peas of fine flavour. Vines from 2½ to 3 feet in height. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 70¢; 7 lbs. \$2.25.*

3510 Laxtonian. One of the best dwarf wrinkled peas for the market gardener. Pods about 4 inches long, resembling those of Gradus, but ripening a little earlier. Vines productive and vigorous; average height less than 18 inches. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 75¢; 7 lbs. \$2.40.*

3515 Little Marvel. An extra early dwarf wrinkled pea, fast becoming popular in this locality. Vines bear a profusion of blunt-ended pods, well filled with large peas of fine quality. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 75¢; 7 lbs. \$2.40.*

3520 Nott's Excelsior. The standard of quality in home gardens. No other dwarf wrinkled pea is as widely planted. Vines of regular habit and about 14 inches high. *Pkt. 20¢; 1 lb. 35¢; 2 lbs. 65¢; 7 lbs. \$2.00.*

3530 Sutton's Excelsior. An early, dwarf, wrinkled pea with exceptionally large pods. Matures as early as Nott's Excelsior and is its equal in quality. *Pkt. 20¢; 1 lb. 35¢; 2 lbs. 65¢; 7 lbs. \$2.00.*



Carter's Daisy, or Dwarf Telephone

3535 **Thomas Laxton.** This reliable pea is similar in type to Gradus, but has darker foliage and square-ended pods. Although a wrinkled sort of excellent quality, it may be planted about as early as smooth varieties. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 70¢; 7 lbs. \$2.00.*

3536 **Breck's Early Lexington Pea.** A very early green wrinkled variety. Height $3\frac{1}{2}$ feet. Prolific, hardy, pods large straight, dark green, well filled. After several years of close observation, this variety is considered by experts to be superior to Gradus on all points; it has proved to be four or five days earlier, pods larger, yield heavier. *1 lb. 50¢; 2 lbs. 80¢; 7 lbs. \$2.50.*

3540 **Market Surprise.** An extra early, almost smooth variety. Usually matures about seventy days from planting. Pods 4 inches long; vines grow to the height of about 40 inches. Excellent flavour; gives highly satisfactory results in Massachusetts. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 75¢; 7 lbs. \$2.40.*

3545 **The Record.** A popular large-podded extra early, wrinkled pea which matures several days earlier than the well-known Gradus. Its growth is quite similar to that of Gradus but somewhat dwarfer and stouter; pods uniformly large, measuring $4\frac{1}{2}$ to 5 inches, nearly round and packed with handsome wrinkled peas of the finest flavour. The Record is an especially valuable sort for market gardeners because the peas will remain in good condition a remarkably long time after picking. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 75¢; 7 lbs. \$2.40.*

SECOND EARLY

3550 **Abundance.** Pods medium in size; peas wrinkled; quality very good. Height about 3 feet. *Pkt. 20¢; 1 lb. 30¢; 2 lbs. 50¢; 7 lbs. \$1.50.*

3555 **Alderman.** One of the most satisfactory varieties for early main-crop. Pods long, filled with large wrinkled, deep green peas of superior quality. Height 4 to 5 feet. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 70¢; 7 lbs. \$2.25.*

3560 **Everbearing.** An excellent variety for private growers. Peas large, wrinkled, and of fine flavour. Height 3 feet. *Pkt. 20¢; 1 lb. 35¢; 2 lbs. 65¢; 7 lbs. \$2.00.*

3565 **Daisy, or Dwarf Telephone.** A profuse bearer. Pods large; peas wrinkled, sweet, and tender. Height 18 inches. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 75¢; 7 lbs. \$2.40.*

3570 **Dwarf Champion.** A wrinkled pea quite similar to the well-known Champion of England excepting that the vines are only 2 or $2\frac{1}{2}$ feet in height. *Pkt. 20¢; 1 lb. 35¢; 2 lbs. 65¢; 7 lbs. \$2.00.*

3575 **Duke of Albany, or American Champion.** One of the largest varieties; height from 4 to 5 feet. Prolific, each pod containing 6 to 10 extra large wrinkled peas of good quality. A little earlier than Telephone. *Pkt. 20¢; 1 lb. 35¢; 2 lbs. 65¢; 7 lbs. \$2.00.*

3580 **McLean's Advancer.** A dwarf, green, wrinkled marrow of fine flavour. Popular in the vicinity of Boston. *Pkt. 20¢; 1 lb. 30¢; 2 lbs. 55¢; 7 lbs. \$1.65.*

Mr. N. M. Tarr of Stetson, Maine, wrote us as follows regarding 60 pounds of Admiral Dewey Peas which he used to plant three quarters of an acre of garden in the Spring of 1923: *Had a fine crop 140 bushel of Green Peas on three quarters of an acre of land. How is that for Breck's Seeds? (Signed) N. M. Tarr.*

LATE OR GENERAL CROP

3585 **Admiral Dewey.** A splendid, large-podded, wrinkled pea of fine quality. Height 4 feet. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 70¢; 7 lbs. \$2.25.*

3590 **Blackeye Marrow.** An excellent, old-fashioned smooth seeded variety. Height about 4 feet. *Pkt. 10¢; 1 lb. 20¢; 2 lbs. 35¢; 7 lbs. \$1.25.*

3595 **Breck's Improved Telephone.** This is a distinct and desirable improvement on ordinary Telephone. It is the result of careful breeding and selection. Notwithstanding their size, these wrinkled peas are sugary, rich, and tender. Height 4 feet. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 75¢; 7 lbs. \$2.00.*

3600 **Champion of England.** An old favourite which bears profusely; peas wrinkled. Few late varieties are its equal in quality. Height about 4 feet. *Pkt. 20¢; 1 lb. 35¢; 2 lbs. 65¢; 7 lbs. \$2.00.*

3605 **Pod Latch, or Improved Stratagem.** A large-podded wrinkled pea of fine quality. Vigorous and productive vines about 30 inches high. *Pkt. 20¢; 1 lb. 35¢; 2 lbs. 65¢; 7 lbs. \$2.00.*

3610 **Yorkshire Hero.** Medium sized, broad pods, well filled with large peas which remain tender for a long time after being picked. A wrinkled marrow of fine quality. Height about $2\frac{1}{2}$ feet. *Pkt. 20¢; 1 lb. 35¢; 2 lbs. 65¢; 7 lbs. \$2.00.*

FRENCH PEAS

3615 **Petit Pois (Clamart Hatif).** These small, delicate peas are much esteemed in Europe. Slender pods are about 3 inches long, slightly curved, and usually contain from 7 to 9 each. In France the vines grow to a height of 4 or even 5 feet. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 75¢; 7 lbs. \$2.75.*

3616 **Sugar, or Edible Podded (Dwarf Sugar).** Grows about $2\frac{1}{2}$ feet high, pods soft, tender and edible, not over 3 inches in length, pale green containing 5 to 7 peas. *Pkt. 20¢; 1 lb. 40¢; 2 lbs. 70¢; 7 lbs. \$2.25.*

For prices on Field Peas see page 42

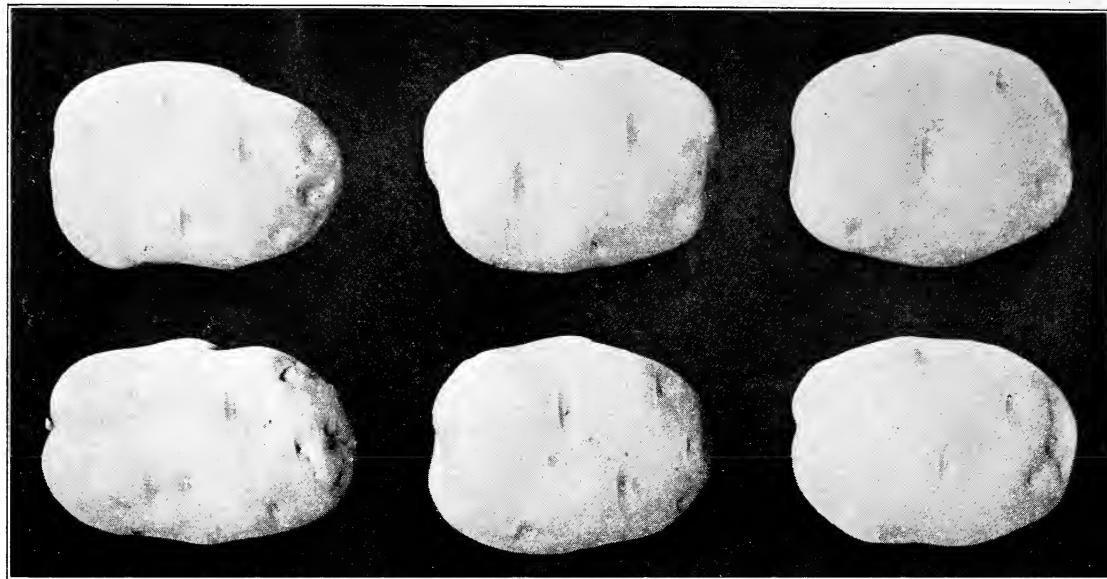
HUMOGERM

Laqueine Inoculation
HUMOGERM
Farmogerm in dry form. Many prefer to have their Inoculating Bacteria contained in a dry medium. Humogerm has been developed to meet this demand, carrying nitrofying bacteria in a porous humus medium which acts as a natural home for the bacteria and keeps them fresh and vigorous. Supplied in ventilated cans, easily opened without cutting. Directions for use accompany each package. Kindly specify the crop and number of bushels you wish to inoculate when ordering.

$\frac{1}{4}$ bushel size.....\$0.35 1 bushel size.....\$1.00
 $\frac{1}{2}$ bushel size.....60 $2\frac{1}{2}$ bushel size.....2.25

Special Garden Size for Garden Peas, Beans, and Sweet Peas, 25¢.

Peas, Beans, and Corn are not delivered free at the prices quoted for 1 pound and over. See inside back page of Cover.



Breck's Aroostook Grown Certified Stock Green Mountain Seed Potatoes

POTATOES

Prices subject to frequent market changes. F. O. B. Boston. A deep mellow loam rich in humus furnishes ideal conditions for growing potatoes but good crops are raised on both heavier and lighter types of soil. Early varieties may be planted as soon as the ground can be prepared. Cut the tubers into pieces the size of hen's eggs; each piece containing an eye; drop a piece of seed every 15 inches in furrows 3 feet apart and cover to a depth of 3 or 4 inches. Cultivate at intervals of a week or ten days gradually throwing earth up around the stalks after the plants are 4 inches high. For potatoes, fertilizers are unquestionably better than barnyard manure. We furnish only Aroostook Grown Potatoes from hill-selected seed; stock carefully inspected during growing season, sorted and graded.

Price for all the following:

15 lbs. for 85¢; 60 lbs. for \$3.00; 120 lbs. for \$5.00.

EARLY VARIETIES

Irish Cobbler. The most popular and reliable early white sort. Quite round with deep set eyes. Distinct type. Early Rose. Red skin standard early variety. An old favourite in New England.

Early Ohio. A splendid sort about a week earlier than Early Rose. Red skin, dry, mealy; one of the best for early market.

Early Harvest. Medium size early white.

Early Norther. Red skin sort, seedling of Early Rose; early and prolific.

MEDIUM EARLY

Delaware. Very large white throughout and extra quality. New Queen. White variety of mealy texture.

Norcross. Splendid sort, uniform size.

LATE VARIETIES

Beauty of Hebron. A standard sort, pure white skin and flesh, large, main crop.

Carmen No. 3. Large, smooth, white.

Green Mountain. Large, handsome white potato; main crop; the standard Winter variety.

Miller's Prize. A main crop, white variety. Considered by many better than the Green Mountain.

Rural Russet. A selection of the well-known Dibble's Russet. Has a strong vine, deep rooted. Plants resist blight and drought. Tuber excellent keepers, quality unsurpassed.

Spaulding Rose. Red skin, late maturing; considered the best keeping sort. Potatoes large, smooth, excellent quality.

We can furnish limited quantities of Aroostook Grown Certified Green Mountain, Irish Cobbler, and Spaulding Rose Potatoes at \$3.00 per bushel; 120 lbs. for \$5.00.

SWEET POTATO PLANTS

Plant rooted slips or cuttings the last of May or first of June in hills about 5 feet apart and 6 inches above the garden level. Light, rich warm soil is required.

Nansemond. Best sort for New England. Per 100, \$1.25; per 1000, \$10.00; add 15¢ per 100 if wanted by parcel post.

PUMPKIN

Plant 1 inch deep in hills 8 by 8 feet apart, late in May, in any highly enriched soil that is not clayey. When the plants are beginning to run, remove all but the two strongest from each hill. Farmers find field pumpkins a valuable addition to their stock feed and commonly grow them in the cornfield, planting a few seeds in every third or fourth hill in alternate rows. One ounce of seed will plant about 30 hills; 4 pounds, 1 acre.

3630 Connecticut Field. Very productive; largely grown for feeding stock. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 50¢; lb. \$1.50.

3640 Large Cheese, or Kentucky Field. Very productive; grown for both stock and table. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.50.

3645 Mammoth King. This variety often weighs over 100 pounds. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.50.

3650 Mammoth Tours. Fruit large, often weighing 100 pounds; shape round, with faintly marked ribs, skin smooth. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.50.

3655 Quaker Pie. Good keeper, fine for pies. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.50.

3660 Sweet or Sugar. Round, small, very sweet; excellent table variety. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 50¢; lb. \$1.50.

3665 Winter Luxury. Fine pie pumpkin, round; colour russet-yellow; flesh thick, fine flavour. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.

Pumpkin Seed for Medicinal Purposes. Oz. 10¢; lb. \$1.00.

Potato Sprays

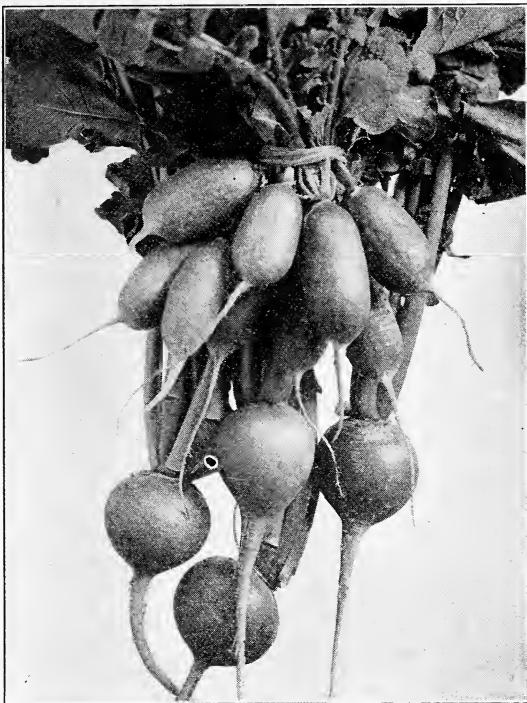
Seed Potatoes should be treated with Formaldehyde before planting. We can furnish Formaldehyde in pound bottles for 50¢ with full directions for use. Postage extra.

Against all leaf-eating insects use Corona Dry Calcium Arsenate.

Against Plant Lice: Tobacco Dust, or "Black Leaf 40" (Nicotine Sulphate 40%).

To prevent blight: Corona Dry Bordeaux Mixture.

For additional information see pages 148 to 150



Radishes: French Breakfast and Scarlet Turnip

RADISH

Loose, fertile, light loams are to be preferred for Radishes; in distinctly clayey soils the crop not only matures slowly, but the roots are usually rough, ill-shaped, and of inferior quality. For a constant supply, sow at intervals of two or three weeks from early April until September. An early crop may be grown in the hot-bed in February. For use during the Winter, the roots may be stored in earth in a cool cellar, but should be placed in cold water, for an hour or so before they appear on the table.

One ounce of seed will sow 100 feet of drill; 10 pounds, one acre.

3730 Turnip, Crimson Giant Forcing. Best of forcing sorts. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 60¢; lb. \$2.00.

3735 Turnip, Early French Scarlet Forcing. The earliest of all. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 60¢; lb. \$2.00.

3740 Turnip, Scarlet Globe. Fine for forcing or open ground. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 60¢; lb. \$1.75.

3745 Turnip, Early Scarlet, White Tipped. Very early. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 60¢; lb. \$1.75.

3750 Turnip, Rosy Gem. Bright red, tipped white, good quality. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 60¢; lb. \$1.50.

3755 Turnip, Early Deep Scarlet. Very early and crisp. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢; lb. \$2.00.

3760 Olive-shaped Deep Scarlet. Early, fine for open ground. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 60¢; lb. \$2.00.

3765 Olive-Shaped French Breakfast. Early, scarlet with white tip. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 60¢; lb. \$2.00.

3770 Long Scarlet Short Top. Long and crisp, fine. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 60¢; lb. \$1.75.

3775 Long Icicle. Pure white, of fine flavour, suitable for forcing. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 60¢; lb. \$2.00.

3780 Winter Long Black Spanish. The popular Winter sort. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢; lb. \$2.00.

3785 Winter Round Black Spanish. A fine Winter variety. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢; lb. \$2.00.

3790 White Giant Stuttgart. Oval-shaped, large, mild and tender. For late Summer and Autumn use. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 60¢; lb. \$2.00.

RHUBARB

Seed may be sown early in Spring in shallow drills one foot apart; when the plants are 3 or 4 inches high, thin to about a foot apart in the rows. In the Autumn, or preferably the following Spring, transplant into deep, rich soil, setting the plants about 3 by 3 feet apart. If propagated by dividing roots, the work may be done either in Spring or Autumn.

One ounce of seed will sow 100 feet of drill.

3795 Linnæus. Early, large and tender. Pkt. 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.00.

3800 Victoria. Very large, later than Linnæus. Pkt. 10¢; oz. 60¢; $\frac{1}{4}$ lb. \$1.25.

For Rhubarb Roots see page 29

SALSIFY or OYSTER PLANT

Tragopodon porrifolius. The demand for this vegetable is increasing from year to year, but as yet its good qualities are not widely known. The roots are usually fried, boiled or stewed, but may be sliced raw for salad purposes. The methods suggested for growing and keeping Parsnips apply equally well to this crop.

One ounce of seed will sow 50 feet of drill.

3805 Breck's Improved Long White. Roots of medium size, white and smooth. Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. \$1.00.

3810 Mammoth Sandwich Island. Twice as large as the preceding; fine quality. Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. \$1.00.

SCORZONERA, or BLACK SALSIFY

3815 Scorzonera Hispanica. This vegetable should be cultivated in the same manner as Salsify, but being a little more difficult to raise, is rarely grown except by private gardeners. Though the roots have black skins, the flesh is white and very tender. Scorzonera may be cooked in the same ways as Salsify, and many people consider it superior in flavour. Pkt. 10¢; oz. 50¢.

SPINACH

Spinach thrives in rich soil, and may be planted as soon as the ground can be prepared in Spring. Sow the seed in drills one inch deep and 12 or 15 inches apart. The main crop, for Spring consumption, is sown in late August or September, the plants being protected during the Winter by a covering of straw or litter. A single sowing of New Zealand Spinach will supply greens of excellent quality throughout the Summer; plant the seed 3 or 4 in a hill, in hills 3 feet apart each way. Seeds of this variety are enclosed in very hard shells and should be soaked in hot water before sowing.

One ounce will sow 50 feet of drill; 12 pounds one acre.

3915 Long Standing. Leaves thick and large; best for Spring sowing. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 30¢; lb. \$1.00.

3920 New Zealand (*Tetragonia expansa*). A distinct, spreading plant, very productive. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 85¢; lb. \$2.50.

3925 Giant. Round, thick-leaved. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 30¢; lb. \$1.00.

3930 Prickley, or Winter. Recommended for Autumn sowing. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 25¢; lb. 85¢.

3935 Monstrous Virootay. Large, thick, dark green leaves. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 30¢; lb. \$1.00.

3940 Bloomsdale or Savoy-Leaved. Large curled and wrinkled leaves. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 30¢; lb. \$1.00.

3945 Victoria. Very dark coloured leaves, fine variety for Spring sowing, later than Long Standing. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 30¢; lb. \$1.00.

3946 King of Denmark. A new sort from Denmark. An improved, long-standing type. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 50¢; lb. \$1.50.

Breck's Market Garden Manure

4-8-7

A high-grade, properly balanced, complete fertilizer. Can be used either with or without barnyard manure, and for general use on all farm and garden crops.

Per 50 lb. bag, \$2.00; per 100 lb. bag, \$3.50; per ton, \$68.00.



The Largest and Most Complete Collection of Squashes, Pumpkins, and Gourds on Record
Exhibited by Breck's at Horticultural Hall, Boston on November 2-4, 1928
Awarded a Silver Medal by the Massachusetts Horticultural Society

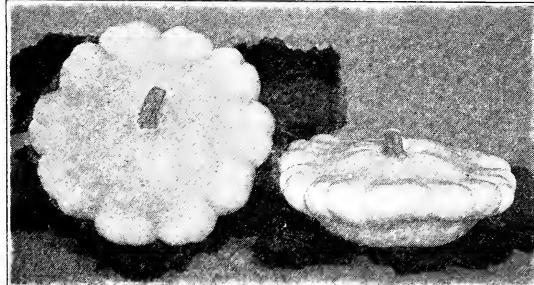
SQUASH

Squash seed should not be planted until the ground has become thoroughly warm and the weather is settled. A rich, warm, mellow soil is conducive to high yields and early maturity, but squashes grow satisfactorily in almost any well-drained soil. If possible, enrich each hill with one or two forkfuls of rotted manure. For bush types, the hills should be at least 4 x 4 feet apart; for the running varieties, 10 x 10 feet. It is customary to plant 8 or 10 seeds in each hill, and thin out, later, to two or three strong plants. During the early stages of growth keep the plants well sprinkled with tobacco or plaster dust to make them distasteful to insects; the way to deal with the squash vine borer is to cover the joints with an inch or two of soil so that secondary roots may develop.

EARLY — BUSH VARIETIES

One ounce of seed will plant about 30 hills

- 3820 **Giant Summer Crookneck.** Yellow fruit, large and good. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.50.*
- 3825 **Golden Summer Crookneck.** Earlier than the Giant Crookneck, about 12 inches long, hard shell when ripe, colour bright yellow. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.00.*
- 3830 **Golden Custard.** An improved and very large yellow bush variety. *Pkt. 10¢; oz. 25¢; 1/4 lb. 60¢; lb. \$1.50.*



Squash. Mammoth White Bush

- 3835 **Mammoth White Bush.** The best for early use. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.00.*
- 3840 **Vegetable Marrow.** A favourite English sort, distinct, flesh white. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.00.*
- 3845 **Yellow Bush Scallop.** A Summer sort. *Pkt. 10¢; oz. 15¢; 1/4 lb. 30¢; lb. \$1.00.*
- 3850 **Early Prolific Marrow, or Orange Marrow.** Early, distinct, suitable for Autumn or Winter use, fine quality. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.00.*

• 3855 **Boston Greek.** Summer variety, colour dark green, shape oblong. *Pkt. 10¢; oz. 75¢; 1/4 lb. \$2.50.*

3860 **Cocozelle (Italian Marrow).** Green flesh about 20 inches long. Skin smooth, mottled light and dark green. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢.*

LATE — RUNNING VARIETIES

One ounce of seed will plant about 15 hills

3865 **Bay State.** Style of Essex Hybrid, colour blue, good for Autumn and Winter. *Pkt. 10¢; oz. 25¢; 1/4 lb. 85¢; lb. \$3.00.*

3870 **Boston Marrow.** Follows the Summer sorts in season, a good Autumn and Winter sort. *Pkt. 10¢; oz. 20¢; 1/4 lb. 60¢; lb. \$1.50.*

3875 **Essex Hybrid.** A hard shell Turban, fine for Winter. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.00.*

• 3885 **Delicious.** A medium-sized, Autumn and Winter squash with thick fine-grained yellow flesh. Skin usually uniform dark green, but occasionally lighter and somewhat mottled. Many people consider this variety superior to the Hubbard in dryness, sweetness, and flavour. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.50.*

• 3890 **Hubbard.** Deservedly the most popular variety of Winter squash in all parts of this country. Its orange-yellow flesh is always rich in flavour, sweet and dry. Vines strong and productive. The dark green oblong squashes of our superior strain often weigh from 10 to 25 pounds each. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.50.*

3895 **Hubbard, Golden or Red.** Wonderful keeper. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.50.*

3900 **Hubbard, Mammoth Warted.** Large, covered with warts, keeps well, fine quality. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.50.*

• 3905 **Blue Hubbard.** Hard shell, thick meat. Dry and fine quality, favourite Winter sort for Boston Market. *Pkt. 10¢; oz. 30¢; 1/4 lb. \$1.00; lb. \$3.00.*

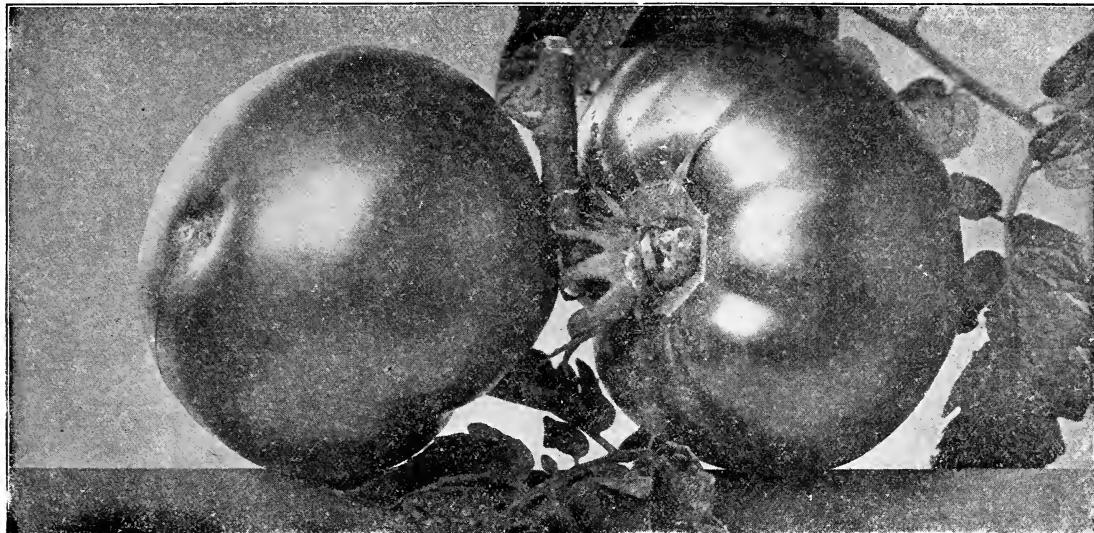
3910 **Marblehead.** Light blue, very productive and a fine keeper; oblong in shape. *Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.50.*

3911 **Warren Turban.** Hard shell, dry meat, colour orange. *Pkt. 10¢; oz. 40¢; 1/4 lb. \$1.50; lb. \$4.00.*

TOBACCO

3950 **Connecticut Seed Leaf.** Best adapted to the climate of the Northern and Middle States. *Pkt. 10¢; oz. 25¢; 1/4 lb. \$1.50.*

3955 **Havana.** Imported seed. *Pkt. 10¢; oz. 30¢; 1/4 lb. \$2.00.*



Breck's Belmont Tomato

TOMATO

Sow the seed sparingly about the middle of March, in drills $\frac{1}{4}$ of an inch deep and 2 inches apart, in a hot-bed, or sunny window where the temperature will not fall below 65 degrees. When the seedlings are two inches high, they should be transplanted to 3 inches apart each way in other flats of soil 3 inches deep, in which they may remain until time for planting in the garden. If a very early crop is desired, transplant again three weeks later, preferably into 4 inch pots of very rich soil. About the first of June the plants may be set in the open ground. A heavy soil is conducive to high yields but the crop matures much earlier on fertile, sandy loams; in the former, set the plants four feet apart each way; in the latter, 3 by 3 feet will give ample space.

One ounce of seed will produce about 2000 plants
For Tomato Plants see page 29

3960 **Breck's Belmont.** The best early either for forcing or open ground cultivation, fruit bright scarlet, few seeds, finely flavoured and solid. *Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.50.*

3965 **Breck's Balshire.** This variety resulted from crossing Balch's Fillbasket and Lister's Prolific. It is far superior to the latter parent in that it is a heavier cropper, of better shape, and shows less tendency to crack. In a recent trial under glass some of the plants carried at least 40 lbs. of fruit. We recommend it strongly either for forcing or for out-door culture. *Pkt. 25¢; oz. \$4.00.*

3966 **Carter's Sunrise.** An immense cropper, good form and size; a smooth, solid, bright red variety; recommended for forcing. *Pkt. 15¢; oz. 60¢; $\frac{1}{4}$ lb. \$2.00.*

3970 **Chalk's Early Jewel.** Extra early, bright red, fine flavour and very productive. *Pkt. 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.*

3975 **Dwarf Champion.** Dwarf and strong habit of growth, very solid and of extra quality. *Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. \$1.00.*

3980 **Dwarf Stone.** The largest dwarf sort. Fruit bright scarlet. *Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.25.*

3985 **Earliana.** Earliest and best bright red tomato, smooth and firm. *Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.25.*

3986 **Frogmore Selected.** A bright red, solid, moderate size variety; fine for forcing. *Pkt. 15¢; oz. 60¢; $\frac{1}{4}$ lb. \$2.00.*

3990 **Golden Queen.** Good size and quality, bright yellow colour. *Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.25.*

3995 **Hubert's Marvel.** Fruit medium size, almost round, solid, borne in clusters, of English introduction, recommended for either forcing under glass or out-door cultivation. *Pkt. 15¢; oz. 60¢; $\frac{1}{4}$ lb. \$2.00.*

4000 **John Baer.** A most profitable variety for the market gardener. The fruit is nearly round, colour clear scarlet, and of large size for an early tomato, flesh smooth and firm. Fruit stands shipping well. The vines are hardy, productive, and continue to bear fruit for a long period. *Pkt. 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.75.*

4010 **June Pink.** A very early market sort, smooth, colour bright pink. *Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.25.*

4015 **Lister's Prolific.** Very popular about Boston, especially where a medium-sized tomato is desired. The colour is rich scarlet, fruit solid, borne in large clusters. *Pkt. 25¢; oz. 60¢.*

4025 **Perfection.** Large and early, thick meat, few seeds, blood-red colour. *Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.25.*

4062 **Smith's Special.** A new variety developed for us. Early and prolific. Sweet, smooth, solid, nearly round. *Package 50¢.*

4030 **Stokes' Bonny Best.** Very early, a vigorous grower and prolific. *Pkt. 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.*

4035 **Stone.** Very smooth, solid, thick, flesh bright scarlet. *Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.25.*

4055 **Stirling Castle.** Excellent for forcing, medium size, scarlet in colour. *Pkt. 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.*

4060 **The Comet.** Splendid for forcing, very prolific. *Pkt. 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.*

SMALL FRUITING VARIETIES

4039 **Drino.** Oblong in shape, colour rich red, flesh solid and firm; highly recommended as a Salad Tomato. Received the Certificate of Merit at the North Shore Horticultural Society. *Sold in packages only at 50¢.*

4040 **Pear Shaped, Red.** Solid, handsome fruit, good preserving variety. *Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.25.*

4045 **Plum Shaped, Yellow.** Used for salads and pickling. *Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.25.*

4050 **Red Cherry.** A small early variety, used for pickling. *Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.25.*

4065 **Strawberry Tomato or Winter Cherry.** (Also called "Ground Cherry.") Fruit grows in a husk and will keep all Winter. It has a pleasant strawberry-like flavour. Used for preserving and sauce. *Pkt. 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.25.*

4070 **Yellow Cherry.** Same as Red Cherry except for colour. *Pkt. 10¢; oz. 30¢; $\frac{1}{4}$ lb. \$1.00.*

BRECK'S SPECIAL HOT-BED SASH AND FRAME COMPLETE

Very handy for starting Tomato Plants. The Frame is 3 feet long, 4 feet 8 inches wide, made of 1-inch Cypress. It is 9 feet high at the back and 6 inches high at the front, and is held together by strong hooks. It can be taken apart quickly and stored away in very compact form.

Price of Sash and Frame complete \$8.00



White Egg

Purple Top Yellow Ruta Baga

Purple Top White Globe

TURNIP

Turnip seed may be sown at all times from April until the middle of August in our climate; but the roots will be of finer quality if seed is sown early in Spring for the Summer crop, and about August first for the Autumn and Winter crop. A light soil, well-manured the previous year, furnishes ideal conditions; no manure should be applied at the time of sowing, unless it be well rotted compost, or the turnips are likely to be strong-flavoured, or bitter. The ground should be dug or plowed deep, and made mellow and fine. Sow the seed in drills $\frac{1}{2}$ inch deep and from 12 to 18 inches apart, dropping one seed to every inch of furrow. Plants of the early varieties should be thinned to about 3 inches apart, while those of the larger late varieties should not be left closer than 5 inches apart in the row. Cultivate often, and keep the crop free from weeds. The Ruta Baga sorts, which are generally grown for Winter use, may be sown from the 20th of June to the middle of July. For stock feeding, the late crop is often sown broadcast on well-prepared soil and raked in lightly.

One ounce of seed will sow 150 feet of drill; two pounds, one acre in drills. From 1 to $1\frac{1}{2}$ pounds will sow one acre broadcast.

4100 Early Snowball. Small and of quick growth, pure white. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢; lb. \$1.50.

4105 Golden Ball. A small, golden-yellow variety, unsurpassed for table use. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.50.

4110 Long White, or Cow Horn. Flesh white, fine-grained and sweet, and of excellent quality. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 50¢; lb. \$1.25.

4115 Purple-Top Munich. One of the best earlies, good form and quality. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.50.

4120 Purple-Top White Globe. Round, handsome, of superior quality. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.00.

4125 Purple-Top Milan. Earliest of the flat Red-Tops; small, strapped leaves; white, tender flesh. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ oz. 75¢; lb. \$2.50.

4130 Red, or Purple-Top Strap Leaf. The best of the flat turnips. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.00.

4135 White Egg. A handsome egg-shaped white variety, grows large. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.00.

4140 White Top Milan. The earliest of all turnips, very mild flavour. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.50.

4145 White-Top Strap Leaf. Like Red-Top variety, but not so popular. Pkt. 10¢; oz. 20¢; $\frac{1}{4}$ lb. 60¢; lb. \$2.00.

4150 Yellow Aberdeen. Very hardy and productive; good for stock and table; keeps well. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.50.

RUTA BAGA or SWEDISH TURNIP

4205 Golden Heart. A Danish-grown Novelty of medium size; a mild, yellow Ruta Baga; comes to us well recommended by Danish Gardeners. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 50¢; lb. \$1.50.

4200 Budlong Swede. Choice strain, white. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.00.

4210 Improved American. Flesh yellow, solid, sweet, and fine flavour. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.00.

4215 Shamrock. A globe-shaped, very hardy, fine-grained, yellow. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.00.

4217 Skirving's Purple-Top. Large, yellow, firm flesh, sweet, good keeper. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.00.

4220 St. Andrew's. A yellow fleshed variety of excellent quality. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.00.

4225 Sweet German. Pure white, very solid, sweet, mild, well flavoured. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.00.

4235 White French. Excellent for table or stock. Firm, white and solid. Pkt. 10¢; oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.00.

4240 White Cape. The white Ruta Baga required by all Cape Cod folks, for a Winter turnip. Seed grown on Cape Cod. Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢; lb. \$2.50.

FOR EARLY TURNIPS USE

Mapes General Truck Manure

Guaranteed Analysis: Ammo. 5-6%; total Phosphoric Acid 8-10% (Avail. 6-8%); Soluble Potash, actual 5-6%. The Potash is in the form of high grade salts of potash.

Use at the rate of 400 pounds per acre broadcast.

Per 100 lbs., \$3.50; per ton, \$64.00.

Breck's Irrigator

A new idea. Flexible, simple, effective
See page 187

VEGETABLE PLANTS & ROOTS

(All Plants Shipped at Customer's Risk and Expense)

All are especially grown for our trade from choicest strains of seed.
We shall be pleased to quote special prices for larger quantities.

ASPARAGUS ROOTS		Per 100	Per 1000
Colossal		\$1.75	\$15.00
Giant Reading (Native Grown)		1.75	15.00
Palmetto		1.75	15.00

CABBAGE PLANTS

From hot-beds, ready about first week in April
Per Doz. Per 100 Per 1000

Early Jersey Wakefield	\$0.30	\$1.50	\$12.00
Henderson's Summer	.30	1.50	12.00
Stone Mason	.30	1.50	12.00
Fottler's Brunswick	.30	1.50	12.00

For Winter Crop, ready July 1

Savoy American Improved	1.00	7.50
Fottler's Brunswick	1.00	7.50
Stone Mason	1.00	7.50

CAULIFLOWER

Per Doz. Per 100 Per 1000

Breck's White Bouquet	\$0.30	\$2.00	\$15.00
Snowball	.30	2.00	15.00

CELERY PLANTS

Per Doz. Per 100 Per 1000

Boston Market	\$0.20	\$1.00	\$8.50
Golden Self-Blanching	.20	1.00	8.50
Giant Pascal	.20	1.00	8.50
White Plume	.20	1.00	8.50

CHIVES

Used for flavouring soups, etc. Each 25¢; doz. \$2.50.

EGG PLANTS	Per Doz.	Per 100
New York Improved	\$1.00	\$7.00
Black Beauty	1.00	7.00

HORSE RADISH SETS

Common	Per Doz.	Per 100
Maliner Kren.	\$0.25	\$0.60

variety, growing in popularity here and recommended for the home garden..... .30 1.00

LETTUCE PLANTS	Per Doz.	Per 100
Boston Market Head	\$0.20	\$1.00
Early Curled	.20	1.00

PEPPER PLANTS

Large Bell, or Bull Nose	\$0.30	\$2.00
Rhubarb Roots	Each 35¢; Per dozen \$3.00.	

SWEET POTATO PLANTS

Nansemond	Per 100	Per 1000
	\$1.25	\$10.00

TARRAGON PLANTS

Each 30¢; per dozen \$3.00.

TOMATO PLANTS

If shipped by express or freight, 60¢ per doz.; \$3.75 per 100. If taken from stock at store and not shipped by us, 50¢ per doz.; \$3.50 per 100.

Breck's Belmont. Chalk's Early Jewel. Dwarf Champion. Stone. Perfection.

OLD HOMESTEAD POPCORN

For Pop-corn Balls, Candied Pop-corn and Nuggets.

Per 1-lb. package..... Net \$0.10

Per case of 24 packages..... Net 2.00

SHELLED POPCORN

Thoroughly cured and in excellent condition for popping.

Per lb..... Net \$0.08

Per 100 lbs..... Net 6.00

HERBS—Sweet, Pot, and Medicinal

Herbs are all easy of cultivation. Sow the seed early in May.

	Pkt.	Oz.
4410 Anise (<i>Pimpinella anisum</i>). Annual.....	10	.60
4415 Balm (<i>Melissa officinalis</i>). Perennial.....	10	1.00
4420 Basil, Sweet (<i>Ocimum basilicum</i>). Annual.....	10	.60
4425 Borage (<i>Borago officinalis</i>). Annual.....	10	.40
4430 Caraway (<i>Carum carvi</i>). Perennial.....	10	.20
4435 Catnip (<i>Nepeta cataria</i>). Perennial.....	10	2.00
4440 Coriander (<i>Coriandrum sativum</i>). Annual.....	10	.40
4445 Dill (<i>Anethum graveolens</i>). Annual.....	10	.50
4450 Fennel (<i>Foeniculum officinale</i>). Perennial.....	10	.40
4455 Hop Vine (<i>Humulus lupulus</i>). Perennial.....	10	
4460 Horehound (<i>Marrubium vulgare</i>). Perennial.....	10	.50
4465 Hyssop (<i>Hyssopus officinalis</i>). Perennial.....	10	.60
4470 Lavender (<i>Lavandula vera</i>). Perennial.....	10	
4475 Marjoram, Sweet (<i>Origanum majorana</i>). Per.....	10	.80
4480 Mint (<i>Mentha piperita</i>). Perennial.....	25	2.00
4485 Pennyroyal (<i>Hedeoma pulegioides</i>). Annual.....	10	1.00
4490 Rosemary (<i>Rosmarinus officinalis</i>). Peren.....	10	2.00
4495 Rue (<i>Ruta graveolens</i>). Perennial.....	10	2.00
4500 Saffron (<i>Carthamus tinctorius</i>). Annual.....	10	1.00
4505 Sage (<i>Salvia officinalis</i>). Perennial.....	10	.50
4510 Savory Summer (<i>Satureja hortensis</i>). Annual.....	10	.30
4515 Savory Winter (<i>Satureja montana</i>). Perennial.....	10	.65
4520 Sorrel Broad-leaved (<i>Rumex patientia</i>). Per....	10	.80
4525 Tansy (<i>Tanacetum vulgare</i>). Perennial.....	10	1.50
4530 Thyme Broad-leaved (<i>Thymus vulgaris</i>). Per.....	10	2.00
4535 Wormwood (<i>Artemesia absinthium</i>). Perennial.....	10	2.00

SEEDS for FLAVOURING

	Oz.	Lb.
Anise.....	\$0.10	\$0.60
Cummin.....	10	.50
Coriander.....	10	.30
Celery.....	10	.40
Caraway.....	10	.30
Dill.....	10	.60
Fennel, Sweet.....	10	.30
Medicinal Pumpkin.....	10	.50
Medicinal Asparagus.....	10	.50
Flax (Whole) Recleaned. Lb. 15¢; per 100 lbs. \$12.00.		



BIRD SEEDS

For Feeding — not for Seed

The following prices do not include carriage

Breck's Choice Mixed Bird Seed in packages packed by us; only the very best recleaned seed used. Pkg. 15¢; doz. \$1.50.

Breck's Parrot Food. Lb. 15¢; 100 lbs. \$12.00.

Canary. Best recleaned. Lb. 12¢; 100 lbs. \$10.00.

Hemp Seed. Recleaned Russian. Lb. 10¢; 100 lbs. \$8.00.

Rape, Bird. Lb. 14¢; 100 lbs. \$12.00.

Rape, English. Lb. 20¢; 100 lbs. \$16.00.

Mixed Bird Seed, bulk. Lb. 15¢; 100 lbs. \$12.00.

Lettuce, for Birds (for feed only). Lb. 30¢; 100 lbs. \$15.00.

Blue Maw or Poppy. Lb. 35¢; 100 lbs. \$30.00.

Rice Unhulled or Paddy. Lb. 18¢; 100 lbs. \$15.00.

Millet, Golden (for feeding). Lb. 6¢; 100 lbs. \$5.50.

Millet, White French. Lb. 20¢; 100 lbs. \$18.00.

McAllister's Mocking Bird Food. Per bottle, 35¢; doz. \$3.50.

Niger Seed. Lb. 40¢; 100 lbs. \$35.00.

Shepherd's Song Restorer, in bottles. Each 30¢; doz. \$3.00.

Hub Brand Gravel. Pkg. 15¢; bu. \$2.50.

Cuttle Fish Bone. Lb. 50¢.

Striped Sunflower Seed. Lb. 10¢; 100 lbs. \$9.00.

Kaffir Corn for Pigeons. Lb. 5¢; 100 lbs. \$4.00.

See Poultry Section for Pigeon Grain.

TABLE for PLANTING VEGETABLES

NAME OF VEGETABLE	WHEN TO PLANT		DEPTH TO PLANT in Inches	DISTANCE APART Inches	TIME OF MATURITY
	HOT BED	OPEN GROUND			
Artichoke, Globe.....	March.....	May.....	½.....	Transplant 24×36.....	September to frost
Asparagus.....		April or May.....	1.....	Transplant 12×36.....	3rd year from roots
Beans, Pole.....	March.....	May and June.....	2.....	Poles 36×36.....	August to frost
Beans, Dwarf.....	March.....	May to August.....	2.....	Thick drills, 24 apart.....	45 days
Beets.....	March.....	May to August.....	1.....	Thin to 5×15.....	50 " " "
Broccoli.....	March.....	June.....	½.....	Transplant 18×30.....	100 "
Brussels Sprouts.....	March.....	May and June.....	½.....	Transplant 12×18.....	150 "
Cabbage, Early.....	March.....	April and May.....	½.....	Transplant 18×24.....	100 "
Cabbage, Late.....		June.....	½.....	Transplant 24×36.....	100 "
Carrot.....	March.....	May and June.....	½.....	Thin to 5×15.....	100 "
Cauliflower.....	April.....	May and June.....	½.....	Transplant 24×36.....	100 "
Celery.....	March.....	May.....	Barely cover.....	Transplant 2×4, in flats.....	170 "
Sweet Corn.....		May to June.....	{ 1 Early..... 1½ Late.....	{ Drills 10×30..... Drills 12×48.....	60 to 90 days
Cress.....		May to July.....	¼.....	Thin to 3×12.....	40 days
Cucumber.....	March.....	May to July.....	½.....	Hills 48×48.....	50 to 75 days
Dandelion.....		May.....	¼.....	Thin to 6×12.....	Following Spring
Egg Plant.....	April.....	June.....	½.....	Transplant 36×36.....	135 to 150 days
Endive.....	March.....	June to August.....	¼.....	Transplant 12×12.....	45 days
Kale.....		June to August.....	½.....	Transplant 12×18.....	150 "
Kohl Rabi.....		May to July.....	½.....	Thin to 6×18.....	110 "
Leek.....		May and June.....	1.....	Transplant 5×12.....	100 "
Lettuce.....	March.....	April to August.....	¼.....	Transplant 12×12.....	25 to 60 days
Martynia.....	March.....	May.....	1.....	Transplant 36×36.....	70 days
Melons, Musk.....	April.....	May and June.....	1.....	Hills 60×60.....	120 "
Melons, Water.....		May and June.....	1.....	Hills 96×96.....	110 "
Okra.....	March.....	May.....	1½.....	Thin to 12×18.....	100 "
Onion.....		April and May.....	½.....	Thin to 5×18.....	100 to 150 days
Parsley.....	March.....	April and May.....	½.....	Thin to 6×12.....	45 days
Parsnips.....		April and May.....	½.....	Thin to 5×18.....	140 "
Peas.....		April to July.....	3.....	Thick rows, 24 apart.....	40 to 80 days
Pepper.....	March.....	June.....	½.....	Transplant 18×24.....	135 to 160 days
Potato.....		April to June.....	{ 2 Early..... 5 Late.....	12×36.....	90 to 130 "
Pumpkin.....		June.....	½.....	Hills 48×72.....	115 days
Radish.....	March.....	April to Sept.....	½.....	Thin to 2×12.....	25 to 45 days
Salsify.....		May.....	¼.....	Thin to 4×18.....	Oct. through Winter
Spinach.....		April and May.....	1.....	Thick rows, 12 or 15 apart.....	30 to 40 days
Squash.....		June.....	1.....	Hills 48×72.....	60 to 130 "
Tomato.....	March.....	June.....	½.....	Transplant 36×36.....	100 to 150 "
Turnip.....		April to August.....	½.....	Thin to 4×18.....	60 to 75 "

DIRECTIONS FOR MAKING AND CARING FOR HOT BEDS

Early in March obtain a good quantity of fresh horse-manure, mix with it one-third to one-half its bulk in leaves, and by tramping down the mass in layers, make a large pile, so that the fermentation will continue even in very cold weather. When this fermentation shows, by the escape of steam from the pile, turn it over and allow it to remain so for a few days or until the second fermentation shows; then place the manure in a pit at least 2½ feet deep and tread it down firmly in layers to a depth of about 2 feet. Build your pit in a sheltered spot, facing the south or east if possible and line with heavy planks or concrete. The frame used to support the sashes covering the bed should be raised 6 inches higher at the back than the front to give a proper slope to the sash to catch the sunlight.

After the manure is firmly trodden down in the pit, scatter over the surface a good covering of air-slaked lime, to keep all slugs, worms, and other pests from infesting the surface soil. After this is done, fill in about 4 or 5 inches of good, rich, clean-sifted loam, level off, and place a thermometer therein. Put on sashes and let the frame remain closed, until the thermometer registers about 70 to 75 degrees and remains steady. Sow your seed, covering it lightly. Keep the surface moist by an occasional watering with a fine spray. As the seedlings appear it is advisable to allow them a little air each day to prevent them damping off; when the plants are large enough they can be thinned out, transplanted into boxes or small pots, and placed back in the warm frames.

VALUABLE TABLES

SEED REQUISITE TO PRODUCE A GIVEN NUMBER OF PLANTS AND SOW ONE ACRE

Artichoke, 1 oz. to 30 ft. of drill.	3/4 lb.
Asparagus, 1 oz. to 200 plants.	5 lbs.
Barley.	2 1/2 bu.
Beans, Dwarf, 2 lbs. to 100 feet of drill.	75 lbs.
Beans, Pole, 1 qt. to 200 hills.	30 lbs.
Beet, Garden, 1 oz. to 50 feet of drill.	6 lbs.
Beet, Mangel, 1 oz. to 50 feet of drill.	8 lbs.
Broccoli, 1 oz. to 1,500 plants.	8 oz.
Broom Corn.	10 lbs.
Brussels Sprouts, 1 oz. to 1,200 plants.	8 oz.
Buckwheat.	1/2 bu.
Cabbage, 1 oz. to 2,500 plants.	5 oz.
Carrot, 1 oz. to 100 feet of drill.	4 lbs.
Cauliflower, 1 oz. to 2,500 plants.	5 oz.
Celery, 1 oz. to 3,000 plants.	4 oz.
Clover.	15 lbs.
Collards, 1 oz. to 2,500 plants.	6 lbs.
Corn, Sweet, 2 lbs. to 200 hills.	12 lbs.
Corn, Field, in hills.	8 qts.
Corn, Field, in drills usually.	12 qts.
Cress, 1 oz. to 100 feet of drill.	8 lbs.
Cucumber, 1 oz. to 50 hills.	3/4 lb.
Egg Plant, 1 oz. to 1,000 plants.	5 oz.
Endive, 1 oz. to 150 feet of drill.	3 lbs.
Flax, broadcast.	28 lbs.
Garlic, bulbs, 1 lb. to 10 feet of drill.	
Gourd, 1 oz. to 25 hills.	2 1/4 lbs.
Grass, Kentucky Blue.	42 lbs.
Grass, English Blue.	28 lbs.
Grass, Hungarian and Millet.	48 lbs.
Grass, Mixed Lawn.	80 lbs.
Grass, Orchard, Perennial Rye, Red Top, Foul Meadow and Wood Meadow.	42 lbs.
Grass, Timothy.	22 lbs.
Grass, Red Top, fancy, clean seed.	20 lbs.
Kale, 1 oz. to 1,200 plants.	6 oz.
Kohl Rabi, 1 oz. to 150 feet of drill.	2 lbs.
Leek, 1 oz. to 100 feet of drill.	4 lbs.
Lettuce, 1 oz. to 250 feet of drill.	3 lbs.
Martynia, 1 oz. to 50 feet of drill.	10 lbs.
Melon, Musk, 1 oz. to 60 hills.	2 lbs.
Melon, Water, 1 oz. to 40 hills.	3 lbs.
Nasturtium, 1 oz. to 40 feet of drill.	10 lbs.
Oats.	3 bu.
Okra, 1 oz. to 40 feet of drill.	10 lbs.
Onion Seed, 1 oz. to 100 feet of drill.	4 to 5 lb.
Onion Seed, for Sets.	30 to 50 lbs.
Onion Sets, 1 qt. to 20 feet of drill.	8 bu.
Parsnips, 1 oz. to 100 feet of drill.	5 lbs.
Parsley, 1 oz. to 150 feet of drill.	8 lbs.
Peas, Garden, 1 qt. to 100 feet of drill.	.90 lbs.
Peas, Field.	150 lbs.
Pepper, 1 oz. to 2,000 plants.	4 oz.
Potatoes.	10 bu.
Pumpkin, 1 qt. to 300 hills.	4 qts.
Radish, 1 oz. to 100 feet of drill.	8 lbs.
Rye.	1 1/2 bu.
Salsify, 1 oz. to 50 feet of drill.	10 lbs.
Spinach, 1 oz. to 50 feet of drill.	10 lbs.
Summer Savory, 1 oz. to 500 feet of drill.	2 lbs.
Squash, Summer, 1 oz. to 40 hills.	2 lbs.
Squash, Winter, 1 oz. to 20 hills.	4 lbs.
Tomato, 1 oz. to 2,000 plants.	3 oz.
Tobacco, 1 oz. to 4,000 plants.	2 oz.
Turnip, 1 oz. to 150 feet of drill.	2 lbs.
Vetches.	30 to 60 lbs.
Wheat.	1 to 2 bu.

NUMBER of PLANTS or TREES to ONE ACRE
at GIVEN DISTANCES

Dis. apart	No. plants
1/2 foot	174,240
1 " "	43,560
1 1/2 " "	19,360
2 feet	10,890
2 1/2 feet	6,969
3 feet by 1 foot	14,520
3 " 2 feet	7,260
3 " 3 "	4,840

Dis. apart	No. plants
4 feet by 1 foot	10,888
4 " 2 feet	5,444
4 " 3 "	3,629
4 " 4 "	2,722
5 " 5 "	1,742
6 "	1,210
7 "	889
8 "	680
9 "	573
10 "	435
11 "	360
12 "	302
15 "	193
18 "	134
20 "	108
25 "	69
30 "	64

WEIGHTS per BUSHEL

	Lbs. per bu.
Apples.	48
Apples, Dried.	25
Barley.	48
Beans, Field.	60
Beans, Limas.	56
Buckwheat.	48
Broom Corn.	46
Blue Grass, Kentucky.	14
Blue Grass, English.	24
Bran.	20
Canary Seed.	60
Castor Beans.	46
Clover Seed.	60
Corn, Shelled.	56
Corn, on Ear.	70
Corn Meal.	50
Charcoal.	22
Coal, Mineral.	80
Cranberries.	32
Dried Peaches.	33
Flax Seed.	55
Hemp Seed.	40
Hungarian Grass Seed.	48
Irish Potatoes, Heaping Measure.	60
Millet.	50
Malt.	38
Oats.	32
Osage Orange.	33
Orchard Grass.	14
Onions.	52
Peas, Smooth.	60
Peas, Wrinkled.	56
Plastering Hair.	8
Rape.	50
Rye.	56
Red Top Seed, Chaff Seed.	10
Red Top Fancy, Clean Seed.	40
Salt, Coarse.	70
Salt, Michigan.	50
Sweet Potatoes.	54
Timothy Seed.	45
Turnips.	55
Wheat.	60

WEIGHT of VARIOUS ARTICLES

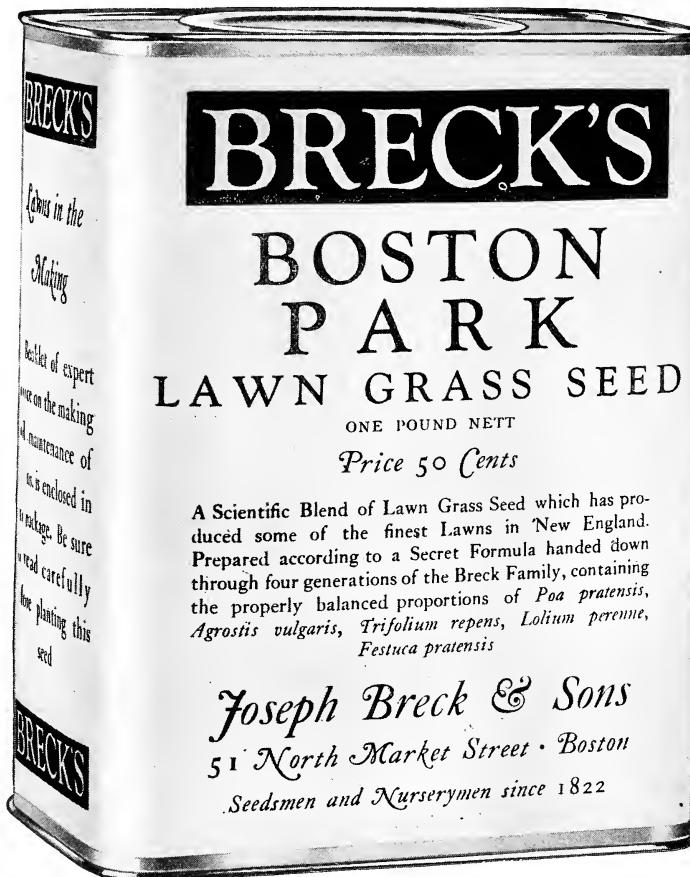
	Pounds
Beef and Pork, per bbl., net.	200
Flour, per bbl., net.	196
White Fish and Trout, per bbl., net.	200
Salt, per bbl.	280
Lime, per bbl.	220
Hay, well settled, per cubic foot.	4 1/2
Corn, on Cob, in bin, per cubic foot.	22
Corn, Shelled, in bin, per cubic foot.	45
Wheat, in bin, per cubic foot.	48
Oats in bin, per cubic foot.	25 1/2
Potatoes, in bin, per cubic foot.	60
Sand, Dry, per cubic foot.	95
Clay, Compact, per cubic foot.	135
Marble, per cubic foot.	169
Seasoned Beech Wood, per cord.	5,616
Seasoned Hickory, per cord.	6,960

"Just Grass Seed" means weedy, patchy Lawns

"Breck's Boston Park Lawn Grass Seed" means perfect Lawns

Better
Seeds

Better
Lawns



Introducing the well-known Brand in a New Container

The day of the paper bag of "Just Grass Seed" is gone.

Particular people have recognized for years the wisdom of using "Breck's Boston Park Lawn Grass Seed."

It is now put up in one pound canisters for your protection when buying and for your convenience in using. What is left in the can is preserved from dust and damp and the ravages of vermin until you need it.

Experts on lawns say that the *finest lawn grass seed obtainable is the most economical to use.* They say further that lawns originally seeded with the poorer grades of lawn grass mixtures may be brought to the highest standard of perfection by judicious re-seeding and by patching with the finest quality of grass seeds mixed in properly balanced proportions.

In each one pound canister of "Breck's Boston Park Lawn Grass Seed" will be found a copy of *Lawns in the Making*, a booklet giving the most approved modern methods for the construction and maintenance of lawns.

ONE POUND OF "BOSTON PARK" IS SUFFICIENT TO SOW ABOUT 600 SQUARE FEET

Price per one pound canister 50c; postpaid 60c

A BRECK'S Store specialty—Ask your Dealer for it

Breck's Lawn Grass Seed



Lawn on the Estate of Henry G. Lapham, Esq., Brookline, Mass.

JOSEPH BRECK & SONS, BOSTON, MASS.

Brookline, Mass., July 20, 1923

Dear Sirs: The lawns on this Estate were originally laid down with Breck's Lawn Grass Mixtures and we have used them exclusively ever since. The results attained have given us the utmost satisfaction. Very truly yours

(Signed) R. BARKHOUSE, Superintendent for Henry G. Lapham, Esq.

We have given much thought and made many experiments in order to ascertain just what are the best mixtures for permanent lawns, and the grasses which are best suited to this climate. By the proper blending of the varieties which constitute Breck's Lawn Grass, we have obtained mixtures that from early Spring to late Autumn will give to lawns made with them that rich, deep green so often admired upon the lawns and parks of England, but so seldom seen in this country.

BRECK'S "BOSTON PARK" LAWN GRASS SEED

The finest lawn grass mixture ever offered to the public. It costs more, it is worth more.

Per pound.....	\$0.50
Per peck, 8 pounds.....	3.75
Per bushel, 32 pounds.....	14.00

Two bushels will sow one acre.

BRECK'S "STANDARD" LAWN GRASS SEED

A good grade of Lawn Grass Seed.

One quart will sow 300 sq. ft.	per quart, \$0.30
Two quarts will sow 600 sq. ft.	per 2 quarts, .55
One half-peck will sow 1,200 sq. ft.	per half peck, 1.00
One peck will sow 2,400 sq. ft.	per peck, 1.75
One Bushel will sow 10,000 sq. ft.	per bushel, 6.50

Four bushels will sow one acre.

BRECK'S "SHADY SPOT" LAWN GRASS SEED

This mixture of grasses naturally adapted to growth under trees and in places where the sun does not readily penetrate. If sown in such locations, in place of ordinary Lawn Seed, bare and unsightly spots may be prevented.

Per quart.....	\$0.35
Per two quarts.....	.65
Per one-half peck.....	1.00
Per peck.....	1.75
Per bushel.....	6.50

BRECK'S "BANK AND TERRACE" GRASS MIXTURE

A mixture of deep-rooting grasses especially prepared for embankments and situations where it is impractical to get a successful catch of the less-spreading-rooted sorts. It produces a rich, velvety turf throughout the season. No coarse-growing varieties are used in this mixture.

Per quart.....	\$0.35
Per two quarts.....	.65
Per one-half peck.....	1.00
Per peck.....	1.75
Per bushel.....	6.50

PERMANENT GRASS SEED FOR GOLF COURSES

The largest and best golf clubs in this section of the country are using our Golf Mixtures with splendid results.

Prices on application.

No. 1. For Putting Greens. This mixture should be sown at the rate of 80 lbs. per acre.

No. 2. For Fair Greens upon light and dry soils.

No. 3. For Fair Greens upon low and damp soils.

Nos. 2 and 3 should be sown at the rate of 50 pounds per acre.

ALTERNATE HUSBANDRY



Kentucky Blue Grass

All mixtures for Alternate Husbandry should include (say for one or two years' lay) only annual and biennial or other sorts that attain full maturity within that period; for two or three years' lay a greater quantity of seed is required, which should embrace a larger proportion of permanent sorts, so that the places of the dead annual kinds may be filled by the varieties that are of slower growth.

If a mixture principally for mowing is intended to lie more than three or four years, especial care is necessary in selecting and adjusting the several varieties of grasses in proper proportion. A three or four years' lay sown with grasses that are only of annual or biennial duration must be either very thin or foul at the end of the period for which it was laid down—the spaces vacated by the annual and biennial grasses being in all likelihood occupied by objectionable weeds; whereas, if a proper selection of those species capable of lasting the whole of the desired period had been sown, the lay would remain full of plants, free from weeds, and in consequence, would be very much more profitable during the whole time the land is in grass. The practice of mowing grass for hay when the plants are in blossom is acknowledged to be a good one, in that it is not so exhausting to the soil, and a more succulent hay, freer from dust, is obtained; however, from the fact that all natural reseeding is thus prevented, it has a tendency to weaken the plants and reduce their number; hence, when we see an old field of grass that was originally sown with Timothy, Red Top, and Clover, and which has been mowed perhaps twice annually, we can readily account for either the enormous number of weeds or vacant places that are sure to be noticeable. Our system of mixture practically overcomes this difficulty by the continued growth and stooling out of some of the varieties included that do not attain full maturity under four to six years. Such mixtures, although in the first place more expensive than the ordinary kind of seeding, are in the end more profitable; we have seen aftermaths from permanent mowing mixtures that more than equalled first crops of Timothy.

While it is true that the mixtures which we recommend are *seemingly* much more expensive than those commonly used, it should be borne in mind that a vastly increased value is given to the pasture not only for one year, but if the land is properly cared for, it will remain in good condition for fifteen or twenty years without further sowing, and produce double the amount of fodder. The *ordinary* sowing has to be repeated every three or four years; thus, in the end, costing more than four times as much as would have been paid originally for the proper mixture.

Breck's Special Mixtures For Permanent Pastures

Table showing the proper quantities to Sow on an Acre of Light, Medium, or Heavy Soil, for Permanent Pasture

Variety	No. 1 Light Soils Lbs.	No. 2 Medium Soils Lbs.	No. 3 Heavy Soils Lbs.	No. 4 For Orchards and shady places Lbs.
Timothy.....	<i>Pleum pratense</i>	2	3	3
Red Top.....	<i>Agrostis vulgaris</i>	4	4	3
Orchard Grass.....	<i>Dactylis glomerata</i>	8	6	6
Meadow Fescue.....	<i>Festuca pratensis</i>	2	2	1½
Hard Fescue.....	<i>Festuca duriuscula</i>	—	1	2
Tall Fescue.....	<i>Festuca elatior</i>	2	2	1
Blue Grass.....	<i>Poa pratensis</i>	4	4	5
Rough-Stalked Meadow.....	<i>Poa trivialis</i>	—	2	6
Perennial Rye Grass.....	<i>Lolium perenne</i>	2	3	—
Meadow Foxtail.....	<i>Alopecurus pratensis</i>	1	2	2
Crested Dogtail.....	<i>Cynosurus cristatus</i>	2	1	4
Wood Meadow.....	<i>Poa nemoralis</i>	1	1	—
Yellow Oat Grass.....	<i>Avena flavescens</i>	2	1	—
Sweet Vernal.....	<i>Anthoxanthum odoratum</i>	2	1	—
White Clover.....	<i>Trifolium repens</i>	4	4	5
Alsike Clover.....	<i>Trifolium hybridum</i>	1	1	—
Perennial Red Clover.....	<i>Trifolium pratense perenne</i>	2	3	3
	39 lbs.	41 lbs.	41 lbs.	40 lbs.
Price per acre, F. O. B. Boston (bags extra at value).....	\$13.85	\$16.95	\$18.00	\$20.00

Price per acre, F. O. B. Boston (bags extra at value).....

PERMANENT GRASS SEED MIXTURES FOR GOLF LINKS

That we may serve Golf Clubs to better advantage and furnish Golf Mixtures that are best adapted to the soils and climate of New England, we have made careful study, growing tests and comparisons of and with the mixtures used here and on Golf Courses abroad.

Mixtures as listed below are the result of many years of testing and experimenting, enabling us to furnish the finest and most permanent mixtures of Grasses for Fairways and Greens.

The seeds furnished are of the highest grade obtainable, carefully tested for Purity and Germination.

We are prepared to furnish at short notice these Mixtures or any other mixture of Golf Grasses which we have in stock, made up especially to suit a Club's particular needs.

Many of the largest and most attractive Golf Courses in this section of the country are using the following Mixtures with most satisfactory results:

No. 1. For Putting Greens. Per lb. 85¢; 100 lbs. \$75.00.

No. 2. For Fair Greens on light and dry soil. Per lb. 65¢; 100 lbs. \$60.00.

No. 3. For Fair Greens upon low and damp soil. Per lb. 35¢; 100 lbs. \$30.00.

For those who require unmixed grasses for special purposes, we can furnish promptly the highest quality of Red Top, Kentucky Blue Grass, Perennial Rye Grass, Red Fescue, Chewing's Fescue, Genuine Rhode Island Bent and (in a limited way) German Creeping Bent.

Along with the Grass Seeds we are prepared to furnish a complete line of other requisites for Golf Courses, such as: Pulverized Poultry Manure (guaranteed 5% Ammonia), Sulphate of Ammonia, Nitrate of Soda, Scotch Soot, Canada Hard-wood Ashes, Charcoal (both coarse and powdered), Humus, High analysis mixtures of Commercial Fertilizers; and in the line of Insecticides—Dry Bordeaux, Read's Liquid Worm Eradicator, Powdered English Worm Eradicator, Powdered Ant Destroyer.

When it comes to tools and equipment for caring for Golf Courses, we carry a more complete line than any one else in New England: Lawn Mowers (both hand and tractor), Rakes, Sweepers, Spades, Shovels, Barrows, Rollers, Hose and Watering accessories, Seed and Fertilizer Sowers and the like.

We recommend "Turf for Golf Courses," by Piper and Oakley, to all those who are interested in Grasses particularly adapted to Golf Courses. This book is sent postpaid for \$2.50. It is an up-to-date treatise.

Breck's Special Mixtures For Mowing and Grazing Lands

NOTE. It will be noticed that the different tables are all based on the quantity required to sow one acre. When ordering, simply give number and kind of mixture selected and the number of acres for which seed is desired; for example: "Send me No. 2 Mixture for Permanent Pastures for three acres."

Variety	1 or 2 years' Mowing			2 or 3 years' Mowing or Grazing			4 years' Mowing or Grazing			Permanent Mowing with occasional Grazing		
	No. 5 Light Soils	No. 6 Medium Soils	No. 7 Heavy Soils	No. 8 Light Soils	No. 9 Medium Soils	No. 10 Heavy Soils	No. 11 Light Soils	No. 12 Medium Soils	No. 13 Heavy Soils	No. 14 Light Soils	No. 15 Medium Soils	No. 16 Heavy Soils
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
Italian Rye Grass.....	6	6	4	4	4	3	3	3	3	3	3	3
Perennial Rye Grass.....	4	4	6	5	5	6	5	6	7	6	6	7
Orchard Grass.....	4	3	5	6	5	5	8	6	6	9	7	7
Meadow Foxtail.....	—	—	3	1	1	2	2	3	3	2	3	3
Hard Fescue.....	—	—	—	—	—	—	2	1	1	2	2	2
Blue Grass.....	—	—	—	—	—	—	—	—	—	2	3	3
Red Top.....	2	2	—	2	2	3	3	4	4	3	3	3
Wood Meadow.....	—	—	3	—	—	—	—	4	4	1	1	1
Rough Stalked Meadow.....	—	—	—	—	—	—	—	1	2	3	2	2
Meadow Fescue.....	1½	1½	—	1½	2	2	2	2	3	1	2	2
Sweet Vernal.....	½	½	2	½	½	½	1	1	1	1	1	1
Timothy.....	7	9	½	7	9	9	3	4	4	2	4	4
Red Clover.....	7	8	9	4	5	5	—	—	—	2	3	3
Perennial Red Clover.....	7	—	8	—	—	—	4	5	5	2	2	3
Alsike Clover.....	1	1	1½	2	2	2	1	1	1	2	1	1
White Clover.....	—	—	—	2	1½	2	2	2	2	2	2	2
	33	35	38	35	38	40	38	41	44	40	43	45
Price per acre, F.O.B. Boston (bags extra at value.)	7.10	7.40	8.10	8.60	8.00	10.00	12.50	14.55	16.00	13.75	16.00	16.80



Red Top



Bromus Inermis

AGRICULTURAL GRASSES

Subject to frequent market changes, net f. o. b. Boston, bags extra. The following list of Agricultural Grasses includes the varieties used most extensively in permanent pasture and other grass mixtures. We make a specialty of mixtures for permanent pasture and mowing lands, to which we would call attention. On pages 34 and 35 is a set of tables giving complete information about our special mixtures.

Awnless, or Smooth Brome Grass (*Bromus inermis*). An erect-growing perennial that attains a height of from three to five feet. It is especially recommended for dry and arid soils, where the more delicate grasses will not grow. Weight, 12 lbs. per bushel. *Lb. 40¢; per 100 lbs. \$35.00.*

Creeping Bent, or Firoin (*Agrostis stolonifera*). The distinctive feature of this species is, as the name implies, its compact, creeping, rooting stems. It prefers low bottom-lands, especially if they are somewhat sandy. It is rapid of growth and spreading in habit, and the stoloniferous roots form a strong, enduring turf that is positively improved by constant tramping. Being of fine texture, it is one of the most valuable of our lawn grasses. *Lb. \$2.00.*

Timothy, Herd's Grass or Catstail (*Pleum Pratense*). Perennial. Roots are fibrous in moist soils, but in dry soils often become bulbous; blooms in June and July. While this grass is commonly known as Timothy, it is frequently called Herd's Grass, as this is the name under which it was originally cultivated. It is the most valuable grass for hay, especially in the North, thriving best on moist, loamy soils of medium tenacity. Grows very readily and yields, on favourable soils, three or four tons of best quality hay per acre. Should be cut just when the blossom falls. Weight, 45 lbs. per bushel. *Lb. 15¢; per 100 lbs. \$12.00.*

Orchard Grass (*Dactylis glomerata*). Root fibrous, perennial, flowers in June and July. This is one of the most valuable and widely known of all the pastures grasses. Its rapidity of growth, its luxuriant aftermath, and its power of enduring the cropping of cattle, all commend it highly to farmers. Thrives well on light soils, and as its roots penetrate to a considerable depth, it withstands droughts better than most species. *Lb. 27¢; per 100 lbs. \$25.00.*

Kentucky Blue Grass, Meadow Grass, June Grass, Spear Grass (*Poa pratensis*). Root-creeping; perennial; flowers in June. This valuable grass is very common in the soils of America, although some claim that its creeping root impoverishes the soil. It is a fact, however, that it grows very luxuriantly, producing the most nourishing food for cattle until late in the season in the North; in the South abundant herbage is furnished throughout the entire Winter. It is a very valuable species in lawn mixtures. As Kentucky Blue Grass requires two or three years to become well set, and does not arrive at perfection as a pasture grass until the sward is at least four years old, it is not suited for alternate husbandry, where the land is to remain in grass only two or three years and then to be plowed up. *Lb. 45¢; per 100 lbs. \$40.00.*

Red Top, Herd's Grass (*Agrostis vulgaris*). Root-creeping; perennial; flowers in July. This valuable grass has been commonly cultivated in our fields for over a century. It is a fine permanent grass, and forms a nutritious pasture when fed close. It is valuable for all wet soils, producing a large return in good hay. Red Top is often sown with Timothy and common Red Clover, in which case the clover soon disappears, followed by the Timothy, the Red Top usually taking their places, and with some wild indigenous grass forming a close sward. When sown alone, 4 bushels of unhulled, or 20 pounds of the clean seed per acre are required. Weight, unhulled, 10 lbs. per bushel; fancy or clean, 40 lbs. per bushel. *Unhulled seed: Lb. 23¢; per 100 lbs. \$20.00.*
Fancy, or clean seed: Lb. 33¢; per 100 lbs. \$31.00.

Sweet Vernal. Root fibrous; annual; flowers in May. This grass is valuable on account of its early growth. It is very fragrant and imparts a pleasant odour to the hay. Will grow in almost any kind of soil, but prefer those which are rich and moist. It is greatly relished by sheep, and is found growing naturally on upland pastures. *Lb. 50¢; per 100 lbs. \$40.00.*

Rough Stalked Meadow Grass (*Poa trivialis*). Root fibrous, perennial. This grass is valuable on account of its quick growth, productiveness and nutritive qualities. Grows to perfection on moist, rich soils, and is also well adapted to ground shaded by trees. Grows early in the Spring, and continues green until late in the Autumn. As it delights in shelter, its product is always much greater when sown with other grasses. Does not thrive well on dry soils. Weight, 14 lbs. per bushel. *Lb. 85¢; per 100 lbs. \$75.00.*

Rhode Island Bent (*Agrostis canina*). Root-creeping; perennial; flowers in July. A most valuable, permanent grass, largely used in New England for pastures and lawns. Soil and treatment same as for Red Top (*A. vulgaris*). *Lb. \$2.00; per 100 lbs. \$185.00.*

Perennial Rye (*Lolium perenne*). A very valuable grass; arrives early at maturity and produces a good supply of herbage, of which cattle are very fond. It grows freely on almost any soil, and shows a very early Spring growth. Although a perennial grass, the root will not live over three or four years, and unless the plant is allowed to reproduce from self-sown seed it will die out in about that time. This is an objection to its extensive use for permanent pastures, but, for hay crops it may be introduced to good advantage along with other grasses and clovers. *Lb. 22c; per 100 lbs. \$20.00.*

Pacey's Short Seeded Perennial Rye. For use in golf courses, lawns, etc. *Lb. 22c; per 100 lbs. \$20.00.*

Italian Rye (*Lolium Italicum*). Annual. In nutritive value, earliness and quickness of growth, after it has been mown, it far surpasses the Perennial Rye Grass. It is, therefore, indispensable for alternate husbandry, but as it does not last over two years, it is of no use in permanent pastures. The soils best adapted to Italian Rye seem to be those that are moist, fertile and tenacious or of a medium consistency, and on such soils it is said to be one of the best grasses known to be cut green, affording repeated luxuriant crops. Weight, 18 lbs. per bushel. *Lb. 25c; per 100 lbs. \$22.00.*

Meadow Foxtail (*Alopecurus pratensis*). Root fibrous; perennial; flowers in May. This is one of the best grasses for permanent pastures, and should always form a fair proportion of the mixtures for that purpose, because of its extremely rapid growth and great nutritive qualities. Thrives best on rich, strong soil. As the Meadow Foxtail shoots up its flowering stalk much earlier than Timothy, it can be easily distinguished from the latter, which, at first sight, it greatly resembles. The nutritive qualities of Meadow Foxtail are most abundant at time of flowering. Weight, 8 lbs. per bushel. *Supplied at market price.*

Crested Dog's Tail (*Cynosurus cristatus*). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. For parks this grass is well suited, because of its fine, close growth, and pleasant green colour. Weight, 28 lbs. per bushel. *Lb. 50c; per 100 lbs. \$45.00.*



Perennial Rye Grass

Yellow Oat Grass (*Avena flavescens*). This deserves to form a portion of all mixtures for permanent purposes, and is well suited for lawns, croquet and golf greens. It thrives on light, dry soils. Weight, 11 lbs. per bushel. *Supplied at market price.*

Tall Meadow Oat Grass (*Avena elatior*). A fibrous-rooted perennial; flowers in July. Of luxuriant growth, and valuable in permanent pasture mixtures, on account of its early and late growth. It succeeds best on deep, sandy lands, and is suitable for sowing in orchards or other shady places. Weight, 15 lbs. per bushel. *Lb. 50c; per 100 lbs. \$45.00.*

Wood Meadow Grass (*Poa nemoralis*). Root fibrous; flowers in June and July. This grass, as its name implies, is found naturally in woods and is well adapted to growing under trees. It is especially desirable, from its fine habit of growth, for sowing on shady lawns and under trees, on pleasure grounds. Weight, 14 lbs. per bushel. *Lb. \$1.00; per 100 lbs. \$90.00.*

Meadow Fescue, or English Blue Grass (*Festuca pratensis*). Root-creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted to permanent pastures, and is also sometimes used for alternate husbandry. It grows rapidly in rich and rather moist soils, and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always mixed with other grasses. Weight, 15 lbs. per bushel. *Lb. 25c; per 100 lbs. \$20.00.*

Sheep's Fescue (*Festuca ovina*). Somewhat creeping; perennial; flowers in June and July; especially desirable on light, dry sandy soils. It is much liked by sheep, and should always enter into the compositions of mixtures for lands on which they are to be pastured. Weight, 12 lbs. per bushel. *Lb. 45c; per 100 lbs. \$40.00.*

Fine-Leaved Fescue (*Festuca tenuifolius*). This is really a variety of *Festuca ovina* with much finer leaves. It will grow on very dry and inferior soils, and its dwarf habit of growth and fineness of leaf render it suitable for dry slopes on lawns. It stands grazing well, is very hardy, and lasts long, and may therefore be recommended for permanent pasture on high and dry situations. Weight, 22 lbs. per bushel. *Lb. \$1.25; per 100 lbs. \$100.00.*

New Zealand Chewing's Fescue. We offer genuine New Zealand-grown Chewing's Fescue, re-cleaned, and of latest crop. This Fescue is highly recommended for Putting Greens. Requires sour soil for best results. *Lb. 65c; per 100 lbs. \$60.00.*



Orchard Grass



Timothy, or Herd's Grass

Tall Fescue (*Festuca elatior*). Root fibrous, somewhat creeping; perennial; flowers June and July. In appearance this species resembles the *Festuca pratensis*, but is larger and of stronger growth. It thrives well on moist soils, and yields abundant crops. Cattle and stock eat it greedily. It should form a portion of every mixture for permanent pasture on moist soils. Weight, 15 lbs. per bushel. *Lb. 50¢; per 100 lbs. \$4.00.*

Hard Fescue (*Festuca duriuscula*). This is one of the best grasses of the Fescue family. It is found in all the finest permanent pastures of the country, and is much valued for its dwarf habit. It resists Summer drought, and develops remarkable verdure during Winter. It should form a part of every mixture for lawn or pleasure grounds, as well as for permanent pasture and alternate husbandry. *Lb. 65¢; per 100 lbs. \$6.00.*

Red or Creeping Fescue (*Festuca rubra*). This grass grows on light, dry, sandy soils, and from its creeping habit will be found of great value on sandy seacoast lands. It is a grass of better quality than some of the uncultivated species, but is not usually cultivated in this country as an agricultural product, except on elevated sheep pastures. *Lb. 50¢; per 100 lbs. \$4.50.*

SORGHUM

Twenty-five pounds per acre is sown in drills.
For dry fodder, broadcast 100 pounds per acre.

Early Amber Sugar Cane. Will ripen where Indian corn matures. *Lb. 12¢; per 100 lbs. \$8.00.*

Red Kaffir Corn, or Sorghum. Non-saccharine. The plants, which are stocky and perfectly erect, cure into excellent fodder, or may be fed green during all stages of growth. *Lb. 12¢; per 100 lbs. \$8.00.*

White Kaffir Corn. *Lb. 12¢; per 100 lbs. \$8.00.*

To destroy field mice, rats and all rodents use RAX. A scientific destroyer, harmless to human beings, animals, and poultry. Price 75 cents bottle.

MISCELLANEOUS SEEDS

For Forage Crops, Plowing under, etc.

Prices subject to frequent market changes

Peas, Canada or White Field. Unsurpassed as a green feed for milch cows. Usually sown with oats. *Lb. 10¢; per 100 lbs. \$8.00.*

Broom Corn, Long Brush Evergreen. Succeeds best in good, deep, moderately moist soil. Sow 12 quarts per acre, after danger from frost is past. *Lb. 30¢; per 100 lbs. \$25.00.*

Winter Vetch (*Vicia villosa*). Growth and appearance like Spring Vetch. Valuable as a cover crop or for early Spring forage. In this latitude seed should be sown before September fifteenth, so that the plants may become well established before cold weather. It is customary to sow from two to four pecks of Winter Vetch with six pecks of either Winter Wheat or Winter Rye. If sown alone, broadcast one bushel per acre. Weight, 60 lbs. per bushel. *Lb. 30¢; per 100 lbs. \$25.00.*

Spring Vetch or Tares (*Vicia sativa*). Very much like common peas in growth and general appearance. An annual legume. Valuable as a Summer forage when sown early in Spring on well cultivated and enriched ground at the rate of $\frac{1}{2}$ bushel Vetch and 2 bushels Grain, Barley, or Oats per acre. Can also be sown alone at the rate of about 80 lbs. per acre as cover crop for orchard. Weight per bushel, 60 lbs. *Lb. 15¢; per 100 lbs. \$12.00.*

ROOT CROPS for WINTER STOCK FEED and POULTRY

MANGEL-WURZEL and SUGAR BEETS

To obtain the best results in New England, the seed should be sown the latter part of May, in rich, moist, well drained soil, which has been prepared by very deep ploughing and thorough harrowing. Sow in drills $2\frac{1}{2}$ feet apart to permit horse cultivation, and thin to about 10 inches in the row. Six to eight pounds of seed are required per acre.

Slidstrup Barres. While the roots do not grow to as great length as Mammoth Long Red, the growth is more above ground, thicker and heavier, frequently weighing 15 pounds and more; colour reddish yellow. *Oz. 10¢; $\frac{1}{4}$ lb. 35¢; lb. \$1.00.*
Breck's Mammoth Long Red. A selection of the common long red variety. The Mammoth is smooth skinned, fine grained, colour deep red, roots straight and smooth, tops small. *Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 75¢.*

Klein's Wanzleben. One of the most popular of the Sugar Beets and has been grown in this section for many years. *Oz. 15¢; $\frac{1}{4}$ lb. 50¢; lb. \$1.50.*

Giants Half Sugar Mangold. Highly recommended for stock feeding. The skin is bright rose above the ground and white below. Flesh white, sometimes tinged with rose. *Oz. 15¢; $\frac{1}{4}$ lb. 50¢; lb. \$1.50.*

Champion Yellow Globe. Grows in shallow soils. *Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 75¢.*

Golden Tankard. A half-long variety of bright yellow colour. *Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 75¢.*

Long Yellow. Differs from Long Red only in colour. *Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 75¢.*

Red Globe. Similar to Yellow Globe, except in colour. *Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 75¢.*

Lane's Improved Sugar Beet. A well-known variety, valuable for feeding to cattle. *Oz. 10¢; $\frac{1}{4}$ lb. 30¢; lb. 75¢.*

All the above sold in 5-lb. lots at 70¢. per lb. and in 10-lb. lots at 65¢. per lb.

FIELD CARROTS

Long Orange Improved. Large long rooted variety. *Oz. 20¢; $\frac{1}{4}$ lb. 65¢; lb. \$1.85.*

Large Yellow. *Oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.25.*

Large White. *Oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.25.*

RUTA BAGA or SWEDISH TURNIP

Improved American. Flesh yellow, solid, sweet, and fine flavour. *Oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.00.*

Shamrock. A globe-shaped, very hardy, fine-grained yellow.

Oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.00.

Sweet German. Pure white, very solid, sweet, mild, well flavoured. *Oz. 15¢; $\frac{1}{4}$ lb. 40¢; lb. \$1.00.*



FIELD CORN

Prices subject to market changes and for seed f. o. b. Boston; bags extra at value. Special quotation made where large quantities are required. Our seed corn grown for us under contract and especially for seed purposes. We wish to call particular attention to our fine stock of Improved Leaming and also Virginian-grown Eureka Ensilage.

Breck's Mondamin. The earliest and best Yellow Flint variety; eight-rowed ears, well filled to the tips. *Qt. 20¢; pk. \$1.25; bu. \$4.00.*

Breck's Angel of Midnight. One of the earliest Yellow Flint varieties, of the early Canada type. Ears long, with comparatively deep kernels. *Qt. 20¢; pk. \$1.25; bu. \$4.00.*

Brewer's Yellow Dent. This variety originated in New England and is unquestionably the best strain of Dent corn to grow for grain in the latitude of Boston; it is also valuable for ensilage. The stalks average ten to twelve feet in height; ears have about twenty rows of closely-packed kernels. *Qt. 20¢; pk. \$1.25; bu. \$4.00.*

Early Yellow Canada. An extra early eight-rowed Flint variety with large kernels and small cobs. Ears of medium size. A popular variety in Northern New England. *Qt. 20¢; pk. \$1.00; bu. \$3.50.*

Early Sanford. A popular White Flint variety, equally valuable for ensilage or grinding. The eight-rowed ears average from 9 to 10 inches in length and have broad cream-white kernels. *Qt. 20¢; pk. \$1.00; bu. \$3.50.*

Eureka Ensilage. One of the most popular White Dent varieties among dairymen. It is enormously productive of both foliage and ears. Our Virginian-grown seed has given great satisfaction in New England. *Qt. 20¢; pk. \$1.00; bu. \$3.50.*

Improved Leaming. A Yellow Dent variety very valuable for ensilage. The plants are tall with a large amount of foliage. Each stalk usually produces two good long ears with small red cobs, well filled with large, deep, golden kernels. *Qt. 20¢; pk. 85¢; bu. \$3.00.*

Longfellow. The variety most widely grown in New England. An early eight-rowed Flint corn with long ears and comparatively small cobs, filled to the tips with large, broad kernels. *Qt. 20¢; pk. 85¢; bu. \$3.00.*

Pride of the North. An exceptionally early Dent variety. Stalks of medium height with broad leaves. The ears, which average 7 or 8 inches in length, have from 12 to 16 rows. Grains long and deep yellow, making meal of extra good quality. *Qt. 20¢; pk. 75¢; bu. \$2.50.*

Red-Cob Ensilage. A red-cobbed, White Dent corn with heavy foliage; popular among dairymen in Northern New England. *Qt. 20¢; pk. 75¢; bu. \$2.50.*

White Southern. A tall-growing Dent variety with leafy stalks; valuable for ensilage and fodder. *Qt. 20¢; pk. \$1.00; bu. \$3.00.*

Sweet Fodder. Unexcelled for cutting green and feeding stock. It should be included in all soiling schedules. *Qt. 20¢; pk. \$1.25; bu. \$4.00.*

Minnesota Number 13. Extra early Yellow Dent corresponding to Wisconsin Number 8. The chief points of excellence are earliness, productiveness, and adaptability to a great variety of soils and climate. The ears average eight inches in length and are usually borne two on a stalk. The cobs are well filled, kernels plump, 16 to 20 rows on a cob, colour rich yellow. In the Northwest this variety matures in from 95 to 100 days. The stalks grow to a height of seven feet and being leafy make excellent and nutritious fodder. *Qt. 20¢; pk. \$1.25; bu. \$4.00.*

Sweepstakes Pedigree. A Yellow Dent corn which has given wonderful results as an ensilage corn in many sections of New England. Sweepstakes is of rank growth, large ears, large kernels, broader and deeper than Leaming. The seed corn has been very carefully selected, thoroughly cleaned, always showing satisfactory germination. *Qt. 25¢; pk. \$1.75; bu. \$5.00.*

SUDAN GRASS

Very closely related to the Sorghum family; is a native of Sudan, Egypt, where it has withstood hot winds and drought for years. It is an annual of quick growth—the first crop being ready to cut in fifty to seventy days after planting, depending upon the length of seasons and moisture; the second and third crops about forty-five or fifty days later respectively. It stools freely, sometimes as many as one hundred stems coming from one seed. It dies with killing frost, and has a short stalk root, which is easily eradicated. It is a strong drought resister. Used as green forage or can be made into coarse hay.

Sudan Grass has been grown successfully on almost every class of soil from heavy clay to light sand, doing best on a rich loam, but, of course, on light sandy soil a light yield may be expected. In any case, it should be well drained.

The ground should be prepared as for corn and the seed not planted till soil becomes warm. It can be planted in this latitude from about May first to July first. Sown broadcast use sixteen to twenty-four pounds of seed per acre. If planted in drills 18 to 24 inches apart, from four to six pounds per acre will be sufficient. *Lb. 20¢; per 100 lbs. \$18.00.*



Our Golden Chaff Winter Wheat, Grown in Northern New York

Prices subject to Market changes. Bags extra. All Grain Sold f. o. b. Boston. Samples sent on request.

OATS

Breck's King Oats. A close or cluster-headed variety. Our crop was grown in Montana on irrigated land, thus insuring seed free from fungous diseases, bright coloured, large size, strong germination, and weighing over forty pounds to the measured bushel, an exceptionally fine crop grown especially for seed purposes. Breck's King Seed Oats have given satisfaction during the past twenty years and we can highly recommend stock just secured. Plant King Oats and secure a good yield of heavy grain and a crop of stout, straight, clean straw.

Per bushel of 32 lbs. \$2.00; 10 bushel lots and over, per bushel \$1.85

Swedish Select. A variety of Swedish origin. Owing to its splendid vigour, hardiness, and productiveness it is most highly recommended for New England soil. The oats ripen early, the straw is strong, stiff, tall, and the grain is white, thin hulled, and plump. Weight per measured bushel, 40 to 45 pounds. The spikelets usually contain 2 grains. The growth in the Autumn is unusually regular and upright. Our stock comes from Northern Wisconsin. It is free from disease and of high germination. Per bushel, \$1.50; 10 bushel lots and over, per bushel, \$1.25.

Imported Swedish Wasa White Oats. Our supply of seed comes direct from Sweden. The grain is unusually large, thin skin, pearly white. In Sweden, they claim for these Oats the highest yield of any white Oat. The panicle is short, quite small, with very stiff branches. The spikelets tend to be three-flowered and the grains are firmly set, and do not fall off. Per bushel of 32 lbs., \$3.00; 10 bushel lots and over, per bushel, \$2.50.

WILD RICE

Zizania aquatica. Price on application. Not kept in stock. Seed must be kept moist until sown.

BUCKWHEAT

Silver Hulled. Bu., \$3.00.

Japanese. Enormously productive. Bu., \$3.00.

BARLEY

Two-Rowed. Bu., \$2.25.

Four or Six-Rowed. Bu., \$2.25.

Success Beardless. A six-rowed variety that is practically free from the poisonous beard. It is early, hardy, large grained, strong of straw; productive. Bu., \$2.50.

Blue Hulless Barley. Very hardy sort. Hard flinty grain. A short season barley. Bu., \$4.00.

SEED RYE

We furnish only selected Rye saved for seed.

Rosen Winter Rye. The most desirable variety for New England conditions, either Summer or Autumn planting. Bu., \$3.00.

Spring Rye. Selected re-cleaned grain in limited supply. Bu., \$3.00.

WINTER WHEAT

Dawson's Golden Chaff. One of the hardest wheats we know of; heads bald, colour of grain white, inclined to light amber, straw of medium length. Bu., \$3.00.

SPRING WHEAT

Marquis. A variety produced by scientific cross breeding of the old Calcutta and the frost-resisting Red Fife variety. First introduced by the Central Experiment Station in Ottawa, Canada, and has since rapidly displaced many other varieties in the Northwest and in Canada. In appearance, Marquis Wheat is similar to Red Fife, but the heads as a rule are heavier and the stalks shorter, making it less likely to lodge. The kernel is flinty, a little darker red and more plump than Fife. It is beardless, having smooth yellow chaff, but its most valuable feature lies in its earliness, as it matures a week or ten days earlier than Red Fife. Threshing reports from the Northwest indicate yields of 40 to 50 bushels per acre. Weight 64 to 66 lbs. per measured bushel. Reported to be of the highest milling quality. Not in many years has such a valuable variety been introduced. Farmers who have planted Marquis Wheat in New England have had most satisfactory returns. Quart, 20¢; pk., \$1.25; bu., \$3.50.

Fife. A red, beardless wheat, with long smooth heads well covered with chaff; straw stiff, bright coloured. Grain very hard, of a dull, reddish colour. Very suitable for New England. Bu., \$3.00.

ALFALFA or LUCERNE

Prices of Alfalfa seed variable; we recommend you to write for special quotation stating quantity required when in the market.

Alfalfa, the greatest known forage crop, is now grown successfully in all parts of the world and is steadily gaining favour with the intelligent New England farmer, for it is proving to be of the greatest value to him not only as a forage crop, but as a soil improver. It is a legume, taking free nitrogen from the air and storing it up in the deep growing roots. As green fodder or cured hay Alfalfa is relished above all other forage crops by stock.

To grow a good field of Alfalfa, it is important to select deep, loamy, well-drained land with loose sub-soil, as standing water will soon kill out the young plants. Plow and harrow the land thoroughly, and with the first harrowing apply at least one ton of Agricultural Lime per acre, thereby correcting any acidity in the soil and, what is more important, making conditions favourable to the activity of nitrogen-gathering bacteria upon the presence of which success depends. Continue to harrow the land at short intervals for some weeks, thereby thoroughly pulverizing the top soil and at the same time working out and killing the old grass roots and weeds that would otherwise get a quick start and choke out the young Alfalfa. If possible, give the ground a fair dressing of barnyard manure, and a short time before sowing the seed harrow in 600 or 800 lbs. per acre of high grade commercial fertilizer.

Either the seed should be inoculated with Farmogerm before sowing, or soil from an old Alfalfa field should be sown broadcast at the rate of 300 to 500 lbs. per acre.

It has been found that in this latitude seed sown the last of July or early in August will escape being hindered by weed growth, and get a good stand before cold weather. Sow broadcast at the rate of 20 lbs. per acre.

Never cut Alfalfa before buds have appeared close to the ground at the crowns of the plants; always judge the time to cut by the presence of these basal shoots or buds and not by the period of bloom. Do not cut closely the first season; cut, allow the plants to wilt, put up in cocks and cure in the cock.

GENUINE GRIMM ALFALFA — *Medicago Sativa*

As a result of extensive trials of numerous varieties of Alfalfa, at various Experiment Stations and on many farms in the Northern States, the unanimous conclusion is that the Grimm strain is hardier and more productive than any other known variety. It originated in northern Minnesota from seed brought from Germany and sown by Ferdinand Grimm, a German farmer. During the many years he allowed his fields to remain in Alfalfa, the more tender plants winter-killed; from those which survived he saved seed, little thinking that by natural selection he was developing a strain of Alfalfa more valuable to the American farmer than any yet discovered. Professor Hayes, before being appointed Assistant Secretary of Agriculture, recognizing the superiority of Grimm Alfalfa for sections where ordinary varieties fail, took measures to have the Grimm strain kept pure and to have it tested in other parts of the country. In 1904 the Government contracted with Mr. F. E. Dawley of Dotshome Farm, Fayetteville, N. Y., to grow 18 varieties of Alfalfa, one of which was Grimm, devoting an acre to each strain. The original stand of Grimm is still in existence. In 1914 it yielded a total of over 6 tons of cured hay in four cuttings. During the first three years of the contract no seed was allowed to ripen on this plot, but since then a seed crop has been harvested every year until now. At the present time there are over 60 acres of Genuine Grimm Alfalfa on Dotshome Farm. Although Alfalfa occupies nine-tenths of the meadows in the Fayetteville section, no diseases or insect enemies have appeared. The seed, which is true to name, clean, and absolutely free from dodder, never leaves the farm until shipped to us. Notwithstanding its higher price, we feel confident that our Grimm seed is the most economical for all farmers who desire to grow Alfalfa. *Per lb. 80¢; 20 lbs. lots and over, 75¢ per lb.*

NORTHERN ALFALFA

This stock is secured from the Northwest, of high germination, our purity test is over 99%. Northwestern grown Alfalfa is preferred by many New England farmers, and the stock has done very well in New England. *Per lb. 36¢; \$33.00 per 100 lbs.*

CLOVERS

Clovers are the foundation of permanent agriculture in the North and East. They have the faculty of taking nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap-roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil.

Medium Red (*Trifolium pratense*). This is the common Red Clover and by far the most important variety for the practical purposes of agriculture. Weight 60 lbs. per bushel. *Lb. 40¢; per 100 lbs. \$3.50.*

Mammoth Pea Vine (*Trifolium pratense magnum*). Of ranker growth than Medium Red and usually lasts longer; excellent for plowing under to improve exhausted soils. Weight 60 lbs. per bushel. *Lb. 45¢; per 100 lbs. \$4.00.*

Alsike, or Swedish (*Trifolium hybridum*). The hardest of all clovers; it resists cold and extreme drought, and for low, wet land is most valuable; excellent for bees. Weight 60 lbs. per bushel. *Lb. 30¢; per 100 lbs. \$2.50.*

White Clover (*Trifolium repens*). This variety should be included in all mixtures for lawns and permanent pastures. It is adapted to all soils. Weight 60 lbs. per bushel. *Lb. 70¢; per 100 lbs. \$6.00.*

Crimson Clover (*Trifolium incarnatum*). Also known as Scarlet, or Carnation Clover. A rapid-growing annual of great value where only one crop is desired; excellent as a cover crop in orchards, or for plowing under to improve poor soils. Weight 60 lbs. per bushel. *Lb. 27¢; per 100 lbs. \$2.50.*



Yellow Sweet Clover (*Melilotus officinalis*). More suitable for turning under than the White variety. A good crop with which to prepare land for Alfalfa. Height about 2 feet. Weight 60 lbs. per bushel. *Lb. 20¢; per 100 lbs. \$18.00.*

Bokhara (*Melilotus alba*). Will grow on very poor soils; excellent for plowing under as green manure. Valuable for bee keepers. Weight 60 lbs. per bushel. *Lb. 20¢; per 100 lbs. \$18.00.*

HUBAM CLOVER

A new variety of annual White Sweet Clover. First brought to the attention of the country at large by the Iowa Experiment Station in 1916. **Hubam** undoubtedly originated in Alabama about 30 or 40 years ago. Favourable attention was first called to it in 1917 at the Ohio Station where it made a remarkable growth of 4½ feet while Red Clover growing under the same conditions made a growth of 5 inches approximately. In many cases 10-foot growths of the **Hubam** have been reported. Besides being valuable as a hay crop, it surpasses all other crops for green manure crops, and besides it is one of the most nutritious pasture plants, also as a food for bees. Several small plantings in this vicinity have given highly satisfactory results. Under ordinary conditions **Hubam** will make a very satisfactory growth on any soil of average fertility which is not distinctly acid. The best growth is shown on lime soils. *Lb. 60¢; per 100 lbs. \$50.00.*

MILLETS

Hungarian Grass (*Panicum Germanicum*). This species of Millet is comparatively small and fine in its habit of growth. It is one of the most profitable hay and soiling crops, often yielding over three tons per acre. No other Millet adapts itself so readily to various conditions of soil and moisture. Broadcast at the rate of one bushel per acre. Weight 48 pounds per bushel. *Lb. 12¢; per 100 lbs. \$10.00.*

Japanese Millet, Japanese Barnyard Grass (*Panicum Crus Galli*). Distinct from other varieties. An enormous cropper growing over 6 feet in height; excellent either green or as cured hay. Broadcast at the rate of 25 pounds per acre; in drills 18 inches apart, sow 15 pounds to the acre. Weight about 35 pounds per bushel. *Lb. 10¢; per 100 lbs. \$8.00.*

Liberty, or Golden Millet (*Panicum Miliaceum var.*). An improved, medium early variety, growing from 3 to 5 feet high. The heads are closely condensed though the spikes are numerous. During the past few years, the fact has been established beyond doubt that Golden Millet seed grown in Southern latitudes will produce much larger yields of hay than seed grown in Northern or Western sections of the country. All our seed is Southern grown. Weight 50 pounds per bushel. *Lb. 13¢; per 100 lbs. \$10.00.*

RAPE—Dwarf Essex, English

Easily grown, perfectly hardy and possesses remarkable fattening properties. Under ordinary field conditions the plants reach a height of about 4 feet; the roots being strong growing, penetrate the soil to a considerable depth. Rape is especially adapted to cool, moist conditions, such as prevail in New England, and for its best development requires a loamy soil, moist and rich; ground that has produced good crops of corn, turnips, and cabbage will be found very suitable for Rape. Plant seed in New England from May first to middle or last of July in average seasons. In preparing the land for the seed, take every care possible to have it free from noxious weeds. Have the ground well pulverized with a harrow, thereby giving a deep, mellow seed bed.

Dwarf Essex Rape will be found to resist Summer drought if care is taken to get the plants well started before extreme Summer heat may be expected. For sowing in drills, about 10 lbs. of seed per acre is required; broadcast 15 lbs. per acre. Lb. 25¢; per 100 lbs. \$20.00.

SOUTHERN COW PEAS

Vigna Catjang

Make poor land rich. The plowing under of green crops is one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea is most popular, especially for medium or light soils. Seed should be sown in May or June at the rate of 1½ bushels per acre and the plants plowed under as soon as they have attained their full growth.

Clay, or Wonderful. Has matured in New England. Qt. 20¢; per bu. \$4.00.

New Era. Early and large yielder. Qt. 20¢; per bu. \$4.00.

Whippoorwill. One of the earliest. Qt. 20¢; per bu. \$4.00.

SOJA BEANS

Prices subject to frequent market changes

One of the most valuable and important forage and soil-improving crops. The use of this crop is increasing everywhere. Soja Beans make a larger growth than Cow Peas and can be cut and cured to better advantage. They also furnish a richer and more fattening feed than the Peas, since they contain larger amounts of oil and protein. These properties make Soja Beans particularly valuable as a feed for milch cows and as a general forage crop. When cut together with Corn for the silo, they greatly improve the quality of the feed.

Yellow Soja. A large-growing, yellow-seeded variety, especially suitable for ensilage and plowing under. Sow at the rate of one bushel per acre. Qt. 20¢; pk. \$1.25; bu. \$4.00.

Medium Green. An earlier maturing variety than Mammoth Yellow. Producing a larger yield of Shell Beans but not such a rank-growth of forage. Recommended for planting in New England because of its earliness. Qt. 25¢; pk. \$1.75; bu. \$6.00.

Ito San. An early, small-leaved variety recommended for latitudes having short season, especially New England. Qt. 20¢; pk. \$1.25; bu. \$4.50.

Wilson. A rank-growing variety, branching high, leaves large, both pods and leaves remaining on vines long after cutting. Qt. 25¢; pk. \$1.75; bu. \$6.00.

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BRECK'S FLOWER SEEDS

Novelties and Specialties 1924



Petunia—Breck's Steely Blue

A wonderful acquisition to this popular class of Annuals, the plants being compact growing and free flowering. They produce large, single blossoms of a beautiful shade of Steely Blue, veined like Salpiglossis. A very distinct and effective colour. Comes true from seed. A most remarkable novelty. *Per pkt. 50¢; 3 pkts. for \$1.25.*

ANNUAL plants are those which go through all stages of their growth, from germination to the final seed ripening, in the open ground without protection. The greatest cause for failure in growing Annuals is not thinning them out sufficiently; dwarf sorts should be thinned out to about 6 inches apart, taller sorts from 10 to 15 inches. This allows them to branch and they will then flower for a longer period. The ground about them should be kept well stirred and loosened.

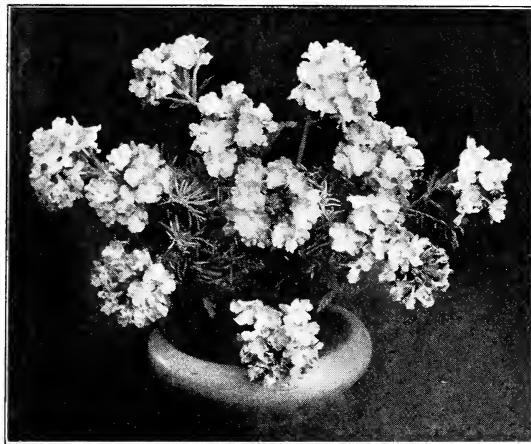
PERENNIALS go on living and increasing for a number of years, the stems dying down each season and coming again from the roots each Spring. Perennials are easily raised from seed which should be sown during Spring and Summer in a cold frame. These should be ready for planting out into beds in Autumn and then transferred to their permanent quarters in Spring.

CARNATION PINKS—Allwoodii

THIS new race of hardy Perennial plants, belonging to the Dianthus family has met with universal appreciation. The seed now offered will produce an average of 75% of double flowers of almost every shade of colour except yellow. The single flowers are quite as handsome as the doubles, and have the advantage of making larger clusters. Allwoodii is exceptionally hardy; commencing to flower in early Spring, it continues through the Summer and Autumn. *Packet of 25 seeds, 50¢; 50 seeds, 75¢.*

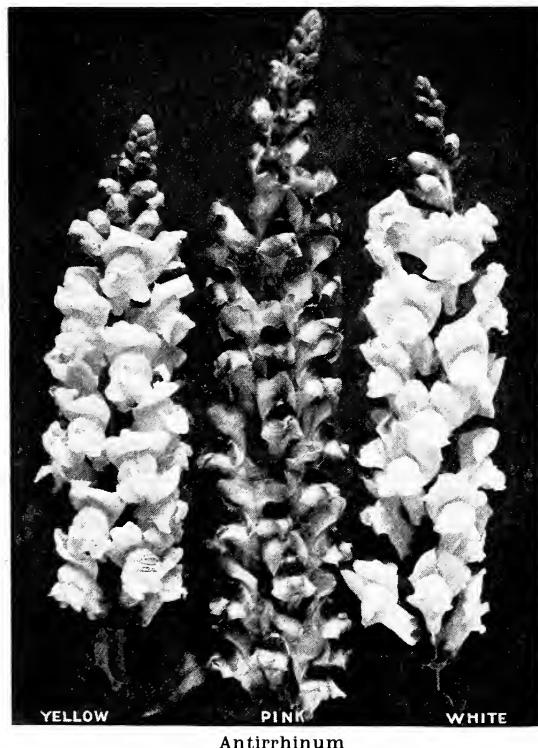
ANTIRRHINUM MAJUS Grandiflorum — "Peachblow"

No more distinct variety than this Annual has been introduced up to date. The individual flower is exceptionally large, with bold outstanding petals which keep their graceful contour throughout. The plants bear many massive spikes of bloom, and are most striking when massed in a prominent position. The individual flower is unique in its colouring, having a central band of rich golden yellow which merges above and below into a delicate tint like the flush on the cheek of a well-ripened peach. It is not easily described, nor soon forgotten when once seen. *Per pkt. 35¢; 3 pkts. for 90¢.*



A NEW VERBENA—"Mayflower"

Exquisite pink of the shades found in the Trailing Arbutus, with flowers double the size of any other variety. A robust grower, very floriferous, and a sensation wherever shown. *Pot-grown Plants only, after May first: 35¢ each; \$3.00 for ten.*



Antirrhinum

ANTIRRHINUM—Breck's Matchless

The following new greenhouse forcing varieties we consider the best for use under glass; treated for Winter flowering they produce flower stems nearly a yard long and are valuable for cutting. **Pink, White, or Yellow.** *Packet 60¢; 3 packets for \$1.50.*

ANTIRRHINUM "Philadelphia Pink"

A vigorous, Winter-growing variety, stout stems, large, well-formed leaves; grows three feet by January and five feet by April, under good care. The colour is a pure, rich shade of pink throughout the flower, the same shade as *Mrs. Charles Russell Rose*. Flowers open very evenly and are nicely distributed about the stalk. Holds up well after cutting. An excellent plant for display and design work. *Packet \$1.00.*

AQUILEGIA Breck's New Rose-pink Shades

A very attractive strain, having large flowers, mostly with long spurs. Ranging in colour from pale pink and rose to amaranth-pink. *Packet 50¢; 3 packets for \$1.25.*

ASTER MARGUERITE "General Joffre"

This novelty in single Asters bears large-sized flowers of intense crimson-scarlet, excellent for cutting. Planted in beds or borders, they have a brilliant effect. *Packet 25¢; 3 packets for 60¢.*

AZALEAS—"Kurume"

This race of lovely Azaleas is remarkable for the abundance of its flowers and the lustre and purity of their colours. The flowers vary from pink to rose, cerise, lavender, mauve to magenta, salmon, vermillion, bright red to deep scarlet and purest white. Many of them have a petaloid calyx and hose-in-hose flowers. The flowers, each about half to three-quarters of an inch across are borne in clusters of two or more at the end of every twig, in such profusion as almost completely to hide the leaves. Grown from seed, they will produce flowering-sized plants in about three years. *Packet \$1.00.*

BEGONIA New Narcissus-Flowered

A remarkable new race of tuberous-rooted Begonias, producing flowers resembling in shape a *Double Trumpet Daffodil*, the inner petals being joined into a large, double corona with petals elegantly waved and frilled at margin; in colour, the flowers range from light to dark yellow, orange, buff, blush, rose, dark red and scarlet. *Packet \$1.00.*

BROWALLIA "Speciosa Major Alba"

This new white Browallia is of the easiest possible culture and almost perpetual flowering. The flowers are large and numerous, growing to a height of two feet; fine Winter-blooming species. *Packet \$1.00.*

CARNATION PINKS—"Allwoodii"

This new race of hardy plants, belonging to the Dianthus family, has met with universal appreciation. The seed now offered will produce an average of 75% of double flowers of almost every shade of colour except yellow. The single flowers are quite as handsome as the doubles, and have the advantage of making larger clusters. *Allwoodii* is exceptionally hardy; commencing to flower in early Spring, it continues through the Summer and Autumn. *Per packet of 25 seeds, 50¢; packet of 50 seeds, 75¢.*

CELOSIA—Chrysantheflora

An Autumn flower of unusual size and variety of colour, the result of many years of experimenting. The flowers are distinguished not alone for their size—but because they are everlasting, retaining all the beauty of colour, size, and shape after being properly dried in a dry, airy place. *Packet 50¢; 3 packets for \$1.25.*

CHRYSANTHEMUM**“Japanese Mountain”**

Quite a unique type, for which the name of Miniature Chrysanthemum has also been suggested. Sown in Spring, the plants will, in the same year, produce a profusion of small graceful flowers with tiny central disk, suggesting an *Anthemis*, but appearing in many different colours. The foliage is also ornamental, being finely laciniated and the vigorous plants will do excellently for Autumn decoration of both garden and apartments. *Packet 35¢; 3 packets for 90¢.*

CLARKIA**“Ruby King” Elegans Flore Pleno**

As is evidenced by their prominence in the flower market, the various forms of Clarkia Elegans are gaining in popular favour as cut flowers and this, in addition to their assured place in the garden, insures a ready welcome to any really good new colours that may appear. The new variety that we are able to offer this season is a beautiful shade of ruby red, which will vie in attractiveness with the very fine sorts already existing. *Packet 35¢; 3 packets for 90¢.*

DAHLIA — “Stella”

We have here a new and striking form of the Single Cactus type of Dahlia, suggesting the shape of a Star-fish, due to the peculiarly recurved shape of the ray petals, which are of a different colour on the reverse side, the tints of the latter being generally marbled or watered. The flowers, of which the colouring is extremely varied, appear early and are borne on long stiff stalks, thus rendering them very suitable for cutting, as well as highly decorative in the garden. *Packet 35¢; 3 packets for 90¢.*

ECHIUM — “Wildpretii”

A wonderfully striking biennial plant from the Canary Islands, producing a dense rosette of silvery, silky foliage $1\frac{1}{2}$ feet high, from which rises a handsome spike 2 feet or more long, crowded with purplish-pink flowers. It makes a good pot plant for the sunny part of a greenhouse, while in the Scilly Islands it grows freely out of doors. *Packet 60¢; 3 packets for \$1.50.*

GAILLARDIA**Grandiflora “Dazzler”**

Few flowers rival the Gaillardia for making a gorgeous display in the garden, and this fine new variety is an advance on all others of its class. Originating from Lady Rolleston, it produces larger flowers with wider florets, often attaining a diameter of 4 and 5 inches. The colour is a bright golden-yellow with rich maroon-red centre, the two tints bearing a well-balanced and harmonious proportion to each other. The plant is vigorous, throwing up a profusion of long and erect flower stalks, which provide excellent material for cutting and are unsurpassed for table decoration. *Packet 35¢; 3 packets for 90¢.*

GYPSOPHILA**Paniculata Flore Pleno “Snow White”**

A serious drawback to the usefulness of the popular Double Perennial Gypsophila has hitherto been that it is not really a Pure White. After a number of years of careful selection, our growers have succeeded in obtaining a strain of which the flowers are an absolutely Pure White, and we have now great pleasure in offering it. Another valuable feature of this novelty is that it produces a larger percentage of double flowers than the old type, so that it has an assured future for all the purposes for which Gypsophila can be used. *Packet 35¢; 3 packets for 90¢.*

LEPTOSYNE — “Breck’s Profusion”

In this variety we have a great improvement in this beautiful Annual with large golden yellow blossoms over two inches in diameter which remain from five to six weeks in full beauty. *Packet 35¢; 3 packets for 90¢.*

HOLLYHOCK — “Double Exquisite”

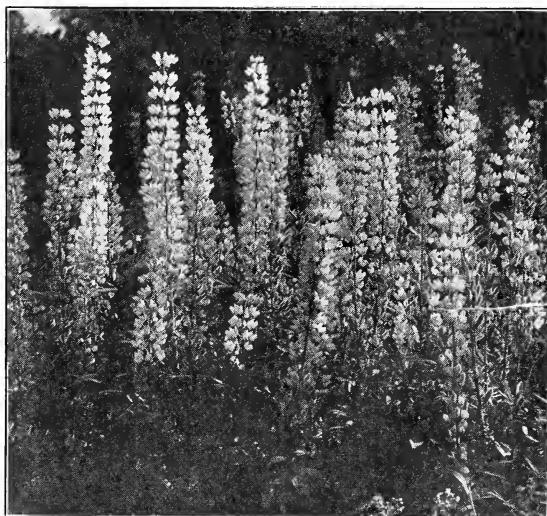
Nothing makes a more striking effect in the garden than a group of tall and stately Hollyhocks. For many years, however, little advance has been registered in the celebrated double class originated by Chater, and we are pleased to be able to announce an important development which will no doubt create widespread interest. The flowers of this splendid new Hollyhock are very large, measuring 4 to $5\frac{1}{2}$ inches across, and possess the charming new feature that every petal, both of the circumference and centre, is exquisitely curled and fringed. The flower is extremely double, and some have fancied to see in it a resemblance to the beautiful double-fringed Petunia. Each white-margined petal is adorned with a large blotch suggesting the markings of a *Pelargonium*. The flowering period lasts throughout the Summer, and there is no doubt but that by its rich and varied colouring and strikingly beautiful form this splendid novelty will succeed in making a place for itself wherever Hollyhocks can be grown. *Packet 25¢; 3 packets for 60¢.*

LARKSPUR — “Exquisite”

A lovely new Stock Flowered variety of annual tall Larkspur with semi-double soft pink flowers. *Packet 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.*

LILIUM MYRIOPHYLLUM**Regal Lily**

Rare and beautiful species from Northern China, easily grown from seed. Large, trumpet-shaped, white flowers flushed with yellow, shaded deep brownish-pink. *Packet 50¢; 3 packets for \$1.25.*



Lupinus

LUPINUS POLYPHYLLUS**“Downer’s Hybrids”**

The seed offered is selected from Downer’s named varieties. Sown outdoors in early Spring it produces splendid bold spikes of flowers the first year, the colours being most beautiful, comprising lovely soft tints as well as rich ones. These splendid plants have made quite a sensation at various Shows where they have been exhibited. *Packet 25¢; 3 packets for 60¢.*

LUPINUS POLYPHYLLUS**“Elliott’s Sweet Scented”**

A new strain of this popular hardy Perennial, producing each Spring tall, handsome spikes of self or bi-coloured flowers, varying from white to the deepest purple. The chief distinctive feature of these Lupins is the delicious scent which they exhale, quite a new and most pleasing feature in this genus. If prevented from seeding, the plants will continue to flower from May to September. *Packet 35¢; 3 packets for 90¢.*

MYOSOTIS ALPESTRIS**"Victoria Ultramarine"**

A variety of the true Victoria habit, dwarf and erect, producing flowers of a bright, deep blue in great abundance. An ideal plant for bedding. *Packet 35¢; 3 packets for 90¢.*

NICOTIANA SANDERÆ**"Crimson King"**

The extra-large flowers of Crimson King are of splendid effect, presenting as they do the richest and deepest tint—a dark, velvety, crimson red. *Packet 35¢; 3 packets for 90¢.*

PETUNIA—Breck's Velvety Violet Blue

This is a great addition to the Petunia family and should be grown by all lovers of flowers. It is extensively used for window boxes. This seed is especially grown for us and is true to name and colour. *Packet 50¢; 3 packets for \$1.25.*

SHIRLEY POPPY—“Wild Rose Pink”

A very pretty selection, producing an even shade of the delicate pink of Eglantine. Flowers cut in the bud will last for days. *Packet 15¢; 1/4 oz. 50¢; oz. \$1.50.*

SISYRINCHIUM ANCEPS**“Celeste” (Blue-Eyed Susan)**

A charming little, grassy-leaved hardy perennial with dainty blue flowers in early Summer. *Packet 35¢; 3 packets for 90¢.*

SOLANUM ACULEATISSIMUM

A lovely plant for Autumn and Winter decoration, bearing flattish, smooth, round fruit of a brilliant apricot-orange colour. Treat as a greenhouse annual. *Packet 25¢; 3 packets for 60¢.*



Stocks, Breck's Apricot Beauty

STOCKS—“Breck's Apricot Beauty”

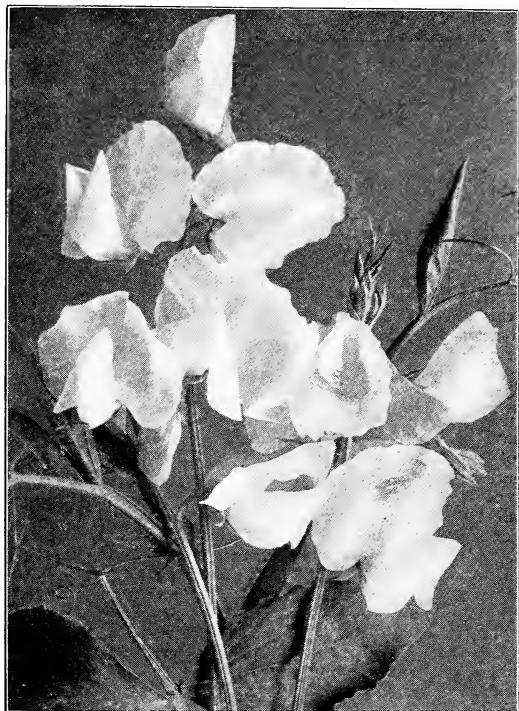
A new Stock of rich beauty, bearing flowers of soft apricot, tinged delicate blush pink. The plant grows to a height of 3 feet and throws up an immense flower spike, while the side shoots or laterals are covered with large, fragrant flowers. *Packet 50¢; 3 packets for \$1.25.*

VISCARIA TOM THUMB**“Rosy Gem”**

We have pleasure in offering what we are sure will prove a welcome addition to this charming group of miniature bedding plants. The colour of our novelty is a lovely shade of bright carmine-rose, the flowers being borne profusely on compact, bushy plants 6 to 8 inches in height, which hold their own well even in unfavourable weather. Nothing is more showy and effective in the garden than closely planted beds of the beautiful dwarf Viscarias. *Packet 25¢; 3 packets for 60¢.*

STREPTOSOLEN JAMESONI

A lovely, cool greenhouse shrub of splendid habit, bearing clusters of brilliant orange-yellow flowers; very showy. Height 3 to 4 feet. *Packet 50¢; 3 packets for \$1.25.*

**NEW GIANT SPENCER SWEET PEAS****Select List of Imported Varieties**

Packets of any of the following varieties, 35¢ each. Special offer: one packet each of the nine varieties for \$3.00 postpaid.

Wonderful. At last we have the real Scarlet Sweet Pea, one that keeps perfect colour under all conditions. It does not burn or fade in the hottest sunshine. If cut, it still maintains the same bright scarlet colour, unlike other so-called scarlets, which go dull after a few hours in water. The plant is very strong-growing, producing in abundance long strong stems carrying four large flowers of ideal form. Wherever exhibited, this novelty causes a great sensation on account of its startling colour.

Advance. A white ground sweet pea, richly flushed rose-pink; nearly every stem has huge duplex flowers.

Comrade. Undoubtedly this is the finest Sweet Pea of the season. The stately flowers are a lovely cream pink with a delicate maize-apricot colouring which makes the flower a most charming shade.

Daffodil. This is the most outstanding Yellow Sweet Pea up to date. The plant is vigorous, producing an abundance of well placed four and five-flowered sprays on long stems.

Faerie Queen. A strikingly beautiful variety, mottled and flushed, rich salmon-pink on cream ground, beautifully frilled. **Mignonette.** Rose suffused cream, developing a beautiful soft tone which makes a charming effect; a splendid colour for decorative work.

Rosemary. A colour difficult to describe, distinct from any variety in commerce; rich cherry rose on white; fours in abundance on long stems.

Royal Cherry. A lovely variety of brightest salmon-cerise edged deep rose; an intense colour.

Shamrock. A rosy mauve, which in the grower's opinion is the best mauve for market work; a very strong grower.

For other Varieties of Sweet Peas see pages 70-74



BRECK'S CELEBRATED COLLECTIONS OF FLOWER SEEDS

The increasing popularity of our Collections makes us sure you will like them.
Prices include carriage to any point in the United States, but we cannot change varieties or substitut

ANNUAL FLOWERS

COLLECTION A, Six Varieties. Price 25 cents. Contains one package each of:

ALYSSUM	PHLOX DRUMMONDII
DIANTHUS CHINENSIS	PORTULACA
MIGNONETTE	SWEET PEAS

COLLECTION B, Twelve Varieties. Price 50 cents. Contains all the varieties in Collection A and in addition:

ASTER	MORNING GLORY
CANDYTUFT	NASTURTIUM, DWARF
ESCHSCHOLTZIA	PANSY

COLLECTION C, Eighteen Varieties. Price 75 cents. Contains all the varieties in Collections A and B and in addition:

BALSAM	MOURNING BRIDE
CALENDULA	PETUNIA
COREOPSIS	ZINNIA

COLLECTION D, Twenty-five Varieties. Price \$1.00. Contains all the varieties in Collections A, B, and C and in addition:

ANTIRRHINUM	DELPHINIUM
CHRYSANTHEMUM	MARIGOLD, FRENCH
CONVOLVULUS	POPPIY

COLLECTION E, Twelve Varieties especially suitable for bouquets. Price 75 cents.

ABRONIA	COLLISSIA
AGERATUM	DIANTHUS CHINENSIS
AMARANTHUS BICOLOR	GODETIA
AQUILEGIA	MIGNONETTE
ASTER	PHLOX DRUMMONDII
COREOPSIS	ZINNIA

COLLECTION F, Six Varieties especially suitable for vases or hanging baskets. Price 50 cents.

ALYSSUM MARITIMUM	MIMULUS MOSCHATUS
CONVOLVULUS MAURITANICUS	NASTURTIUM, DWARF
LOBELIA GRACILIS	NASTURTIUM, LOBB'S

AUTUMNAL TINTS COLLECTION. Seeds of Twelve Varieties of plants producing ornamental seed pods or bright coloured berries for Winter decoration. Price \$1.00

PERENNIAL FLOWERS

COLLECTION NO. 1, for Tall Perennial Borders. Varying in height from 2 to 4 feet and flowering at various seasons.

Six Varieties for \$0.50
Twelve Varieties for \$1.00
Twenty-five Varieties for \$2.00

COLLECTION NO. 2, for Dwarf Perennial Borders. Varying in height from 6 to 15 inches and flowering at various seasons.

Six Varieties for \$0.50
Twelve Varieties for \$1.00

COLLECTION NO. 3, for Rock Work. Suitable for growth in either moist shady situations or for hot dry places.

Six Varieties for \$0.75
Twelve Varieties for \$1.50
Twenty-five Varieties for \$3.00
Fifty Varieties for \$5.00
One Hundred Varieties for \$10.00

Breck's Surprise Garden Mixture

For this mixture we have collected several hundreds of the more easily grown Annual flower seeds and blended them into a Surprise Garden Mixture, which at any time, from Spring until frost will make your Surprise Garden charmingly beautiful.

Seeds are not to be sown too thick, in fact, the more ground you can cover with a package the better results will be shown. For naturalizing purposes or sowing broadcast for effect and cutting, nothing approaches our Surprise Garden Mixture, and all the time as the season advances something different comes into bloom.

THE splendid results sure to be obtained from our Mixture and the little amount of time and labour required in growing make it unrivaled.

To those who cannot give the care and attention to a formally planned flower garden we especially recommend our Surprise Garden Mixture on account of the completeness of the Mixture and the brilliant contrast of the great number of varieties.

7270 Breck's Surprise Garden Mixture. Tall Varieties. Tall growing sorts, upwards of two hundred varieties which grow above three feet. Lb. \$3.50; $\frac{1}{4}$ lb. \$1.00; oz. 35¢; $\frac{1}{2}$ oz. 20¢.

7275 Breck's Surprise Garden Mixture, Dwarf Varieties. Dwarf growing sorts in upwards of two hundred varieties which grow under three feet. Lb. \$3.50; $\frac{1}{4}$ lb. \$1.00; oz. 35¢; $\frac{1}{2}$ oz. 20¢.

DESCRIPTIVE LIST of FLOWER SEEDS

ANNUALS

For Complete List of Perennials see page 76; for Greenhouse Varieties see page 86

ANNUAL PLANTS are those which go through all stages of their growth, in the open ground without protection, from germination to the final seed ripening. They form a very useful class, and are valuable for border decoration, whether sown in small clumps or used for lines of colour. For Summer display they may be sown in the open ground in April or May, or for later sowing in June and July. The greatest cause of failures in growing Annuals is in not thinning them out sufficiently; dwarf sorts should be thinned out to about 6 inches apart, taller sorts from 10 to 15 inches. This allows them to branch, they will then flower for a longer period. The ground about them should be kept well stirred and loosened; this helps the young plants greatly by allowing them to take full advantage of the dew and rain.

HALF-HARDY ANNUALS are those which require artificial heat in the early stages of their growth but which afterwards should be planted out to flower and ripen their seed in the open air. To this class a great many of our most beautiful Annuals belong. These Half-Hardy Annuals should be sown under glass during March and April, care being taken to prick them out at an early stage, and keep them cool and close to the glass to prevent their begin drawn. When watering, it is advisable to use tepid water. They should be well hardened off in a cool frame before planting out.

★Denotes Varieties we especially recommend. Order by number

The arrangement is Alphabetical. See Index if in doubt.

ACROCLINIUM

The Acrocliniums are perhaps the most valuable of the everlasting, bearing pretty rose-pink and white flowers which should be cut before they become fully expanded, and dried for Winter decorations. 1 ft.

5050 **Album.** Pure white. Pkt. 10¢; $\frac{1}{4}$ oz. 20¢; oz. 60¢.
 5051 **Album, Fl. Pl.** Double white. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.
 5052 **Roseum.** Rose pink. Pkt. 10¢; $\frac{1}{4}$ oz. 20¢; oz. 60¢.
 5053 **Roseum, Fl. Pl.** Double rose pink. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.
 5054 **Mixed.** Pkt. 5¢; oz. 50¢.

ADLUMIA—Mountain Fringe

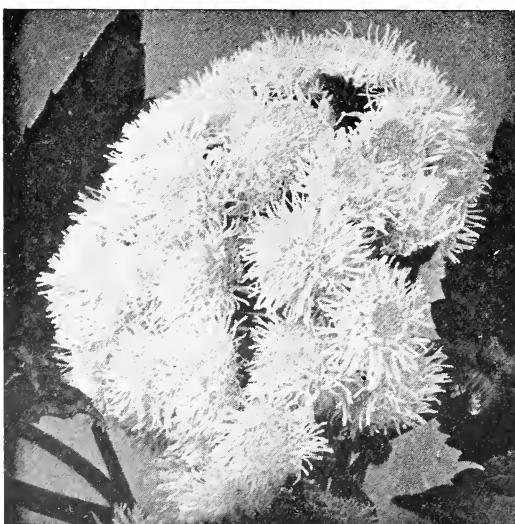
Hardy climber with foliage resembling the Maiden Hair Fern and bearing rosy lilac flowers. Will blossom from seed the first season.
 5060 **Cirrhosa.** 15 feet. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.00.

ADONIS

The annual varieties are, with their bright flowers, great favourites in the flower garden.

5065 **Æstivalis.** Scarlet, 1½ feet. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢.
 5066 **Autumnalis.** Blood red, Autumn blooming. 1 foot. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢.

For Perennial Varieties see page 76.



Ageratum Blue Perfection

AGERATUM — Floss Flower

Very effective, half-hardy Annual. The pretty brush-like flowers are produced in clusters constantly all through the Summer. The plant has a neat bushy habit. The various blue varieties are without doubt the most satisfactory bedding plants of this colour.

★5070 **Blue Perfection.** Dark blue; fine for beds; very choice. 18 inches. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.
 5072 **Dwarf Blue.** Deep blue. 9 inches. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.
 5074 **Dwarf White.** Clear white. 9 inches. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.
 ★5076 **Little Blue Star.** A miniature compact plant with very small flowers; exceptionally good for edging or rock-work; 4 inches. Pkt. 25¢; $\frac{1}{8}$ oz. \$2.00.
 5078 **Little Dorrit.** Azure blue. 6 inches. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.
 5080 **Little Dorrit, White.** 6 inches. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.
 5082 **Mexicanum, Mixed.** 1 foot. Pkt. 5¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.
 5084 **Nanum Luteum.** Pale yellow. 9 inches. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.
 5086 **Roseum.** Rose. 9 inches. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

AGROSTEMMA

A free-flowering border plant with attractive flowers that are excellent for cutting. The annual varieties are very attractive when grown in groups.

5090 **Cæli Rosa (Rose of Heaven).** Rose colour. 1 foot. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢.
 5091 **Cæli Rosa Alba.** Pure white. 1 foot. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢.

For Perennial Varieties see page 77.

ALONSOA

Suitable for conservatory decoration and bedding out of doors during Summer. Half-Hardy Annual.

5095 **Albiflora.** White. 1½ feet. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.
 5097 **Grandiflora.** Scarlet. 2 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.

ALYSSUM

Excellent plants for the rockery or front of borders. Very sweetly scented and bloom profusely all Summer.

★5100 **Lilac Queen.** Distinct new variety of the annual Sweet Alyssum with pure lilac flowers. The plants are of dwarf, compact, upright growth, and resemble when in full bloom a tiny Candytuft. Equally as useful for carpet bedding or ribboning as the other white flowering dwarf varieties. Pkt. 15¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.
 5102 **Little Dorrit.** Very compact, fine for borders. 6 inches. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.
 5104 **Little Gem.** White, for edging. 6 inches. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.
 5106 **Maritimum.** White, very fragrant. 9 inches. Pkt. 5¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.
 5108 **Procumbens (White Carpet).** White trailing habit. 6 inches. Pkt. 10¢; $\frac{1}{4}$ oz. 40¢; oz. \$1.25.

For Perennial Varieties see page 77.

AMARANTHUS

Very striking plants on account of their beautiful vari-coloured foliage and peculiar mode of blossom. The leaves are always largest when plants are grown on rich soil, but rather poor soil enhances the colouring.

5115 *Bicolor Ruber*. Red. 3 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.
 5116 *Caudatus* (*Love Lies Bleeding*). Red. 3 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.
 5117 *Cruentus* (*Prince's Feather*). Crimson. 3 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.
 5119 *Salicifolius* (*Fountain Plant*). Red. 2½ feet. Pkt. 10¢; $\frac{1}{4}$ oz. 40¢; oz. \$1.50.
 5120 *Tricolor Splendens* (*Joseph's Coat*). Scarlet and yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 40¢; oz. \$1.50.
 5121 *Finest Mixed*. Pkt. 5¢; oz. 60¢.

AMBROSIA

Sweet-Scented Hardy Annual fine for bouquets.

5125 *Mexicana*. Yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.

AMMOBIUM

A very pretty pure white everlasting annual. Gather the flowers before fully expanded to preserve for Winter. 3 feet.

5130 *Grandiflorum Album*. White. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢.

ANCHUSA

For producing a mass effect of brilliant blue, the Anchusa cannot be surpassed.

5135 *Breck's Annual*. A clear mid blue with white centre. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢.
 5137 *Capensis*. Purple. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢.
 For Perennial Varieties see page 77.

ANTIRRHINUM—Snapdragon

These showy Perennials can be treated as Annuals by sowing the seed under glass during January or February. The tall sorts are fine in borders; the dwarfs make splendid beds. They prefer a light, warm, but a well enriched soil. If grown indoors they require about the same temperature and treatment as Carnations.

TALL GRANDIFLORA VARIETIES Two Feet High.

5140 *Cloth of Gold*. Breck's Special Strain. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.
 5142 *Coral Red*. White throat. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.
 5144 *Cottage Maid*. Handsome pale pink. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.
 5146 *Crimson*. Deep shade. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.
 5148 *Fairy Queen*. Rich orange-salmon with white throat. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.
 5150 *Maximum (Purple King)*. Purple. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.
 5152 *Queen Victoria*. Pure white. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.
 5154 *Rose*. Bright rose. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

5156 *Rose King*. A new distinct shade in tall Snapdragon. The plant throws up a noble spike, bearing immense flowers of a brilliant carmine rose, having no white throat on lip to modify the tint. Pkt. 50¢; $\frac{1}{8}$ oz. \$1.00.
 5158 *Ruby*. Rich ruby pink. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.
 5160 *Scarlet*. Very brilliant. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.
 5162 *Scotch Striped*. Mixed. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.
 5164 *Yellow*. A pure soft colour. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

5166 *Mixed*. Choice mixture. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

5169 *Collection* (6 distinct colours). Pkt. 50¢.

INTERMEDIATE VARIETIES. One and One-half Feet High.
 5170 *Amber Queen*. Yellow overlaid chamois pink. Pkt. 15¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.
 5172 *Black Prince*. Nearly black. Pkt. 10¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

5176 *Cottage Maid*. Soft pink, white throat. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.
 5178 *Crimson King*. Deep shade. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.
 5180 *Golden Queen*. Clear yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

5182 *Orange Queen*. Terra cotta pink with orange lip. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.00.
 5184 *Queen of the North*. Pure white. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.
 5186 *Rosebud*. Delicate soft blush pink. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.00.



Antirrhinum, Tom Thumb

5189 *Rose Dorée*. Beautiful salmon rose, shaded gold. Pkt. 15¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.00.

5190 *Scarlet King*. Very brilliant. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

5192 *Mixed*. Choice mixture. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

5194 *Collection* (6 distinct colours). Pkt. 50¢.

TOM THUMB VARIETIES. Eight inches high. Pkt. 10¢; $\frac{1}{4}$ oz. 75¢.

5195 *Crimson* 5201 *Sulphur Yellow*
 5197 *Pure White* 5203 *Mixed*
 5199 *Rose*

For Greenhouse Varieties see page 86.

ARCTOTIS—African Daisy

A handsome Annual from Southwest Africa. The flowers are pure white on the upper surface, the reverse of the petals being lilac blue. Very easily grown—blooming all Summer. Very valuable as a cut flower—the blooms lasting for a week or ten days after being cut.

5210 *Grandis*. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

ARGEMONE—Prickly Poppy

Large glaucous foliage and poppy-like white flowers. 2 feet.

5215 *Grandiflora*. Pkt. 5¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

ARNEBIA Free-flowering annuals with purple-spotted, yellow blossoms; fine for cutting. 1 foot.

5220 *Cornuta*. Pkt. 10¢; $\frac{1}{8}$ oz. 50¢.

ARTEMISIA SACCORUM—Summer Fir 5223 *Viridis*. Ornamental plant, pyramidal in habit, growing to a height of 3 to 5 feet in a season. Pkt. 25¢.

ASPERULA

A trailing plant with leaves particularly good for bouquets and, when dried, are used to scent clothes. 1 foot.

5225 *Azurea Setosa*. Blue, Annual. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢. For Perennial Varieties see page 78.

DELIVERY

Where orders are accompanied by cash WE DELIVER FREE to any Post Office, Railroad, Express Office, or Freight Station, except where otherwise noted, the following:

Vegetable and Flower Seeds at the package, ounce, $\frac{1}{4}$ pound, $\frac{1}{2}$ pound, and 1 pound prices, except Peas, Beans, Corn, etc., as noted in Catalogue,
 Bulbs at the single and dozen rates,
 Books and other publications.

We do not deliver other goods free.



Asters, Breck's Improved Midsummer

ASTERS

The demand for Breck's Asters from the leading commercial and private growers all over the United States is a sufficient recommendation of their superiority. We welcome a comparison of the product of Breck's seeds with that of the most highly lauded.

5230 Breck's International Prize Mixture. This comprises all the best varieties and finest colours of large-flowering Asters. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.00; oz. \$3.50.

AMERICAN BEAUTY. These are an addition to the late blooming Asters and should find a place in every garden. They should be planted early to give a longer season of growth and will continue blooming until destroyed by frost. Large full flowers with incurved petals on stout stems from 15 to 20 inches in length. It has a longer flowering season than any other Aster. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.00.

5235 Lavender **5242 September Pink**
5238 Purple **5244 White**
5240 Rose **5246 Mixed.**

AMERICAN BRANCHING SELECTED STOCK. This vigorous variety forms tall, bushy plants. Flowers extra large borne on long, stout stems. It is a great favourite with the Florist for late cutting. 2½ feet. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.00; oz. \$3.00.

5250 Crimson **5254 Light Rose**
5251 Dark Violet **5255 Deep Rose**
5252 Lavender **5256 Shell Pink**
5253 Purple **5257 White**
5258 Finest Mixed. Pkt. 10¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.
52591 Collection (6 distinct colours). Pkt. 50¢.

ASTERMUM. This is a beautiful new type of Aster. The flowers are of enormous size with very full centres. The plant is of sturdy growth with long, straight stems. This new departure in Asters should be welcomed by all Aster lovers. Pkt. 20¢; $\frac{1}{8}$ oz. 75¢.

5260 Lavender	5266 Shell Pink
5262 Pure White	5268 Mixed
5264 Rose Pink	

BRECK'S CONCORD. These magnificent Asters are large, double and very showy, the petals overlapping clear to the centre. The plants are of luxuriant growth, 18 inches high, and bear 25 to 40 flowers on a plant. The flowers measure 4 to 5 inches across and are of perfect form. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.25; oz. \$4.00.

5270 Apple Blossom	5274 Light Pink
5271 Crimson	5275 Pure White
5272 Dark Blue	5276 Salmon Rose
5273 Light Blue	5277 Yellow.
5278 Mixed. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.00; oz. \$3.00.	

52791 Collection (6 distinct colours). Pkt. 75¢.

BRECK'S IMPROVED MIDSUMMER. These Asters comprise a collection of mid-season varieties, distinguished by their delicate shades of colour. The plants are vigorous, upright in growth, and produce stems of good length. The large flowers are so double as to be veritable balls of bloom. 2 feet. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00; oz. \$3.00.

5280 Crimson.	
5281 Lilac	5286 Salmon Rose
5282 Light Blue	5287 Sunset (Carmine)
5283 Pure White	5288 Yellow
5285 Rose Pink	5289 Choice Mixed.
52891 Collection (6 Distinct colours).	Pkt. 75¢.



Asters, Breck's International Prize Mixture

CREGO GIANT. This Aster, through the most careful selection, has been brought to a state of perfection hitherto unknown in this type. The plants grow to a height of over 2 feet, with long well-branched, strong stems and fluffy, graceful flowers as fine as any Chrysanthemum. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.00; oz. \$3.00.

5290	Crimson	5294	Shell Pink
5291	Dark Purple	5295	Snow White
5292	Deep Pink	5296	Mixed
5293	Lavender		

•52991 Collection (6 distinct colours). Pkt. 50¢.

EARLY WONDER. These are the earliest Aster in cultivation. They are after the style of the Giant Comet and are destined to become the leading early Aster. They should prove a great boon to growers requiring large early blooms. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

5300	Lavender	5304	Snow White
5302	Light Pink	5306	Salmon Red

GIANT COMET, BRECK'S SPECIAL STRAIN. These are the most popular of all Aster. Enormous flowers with long, wavy, twisted petals, resembling Japanese Chrysanthemums. $2\frac{1}{2}$ ft. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.00; oz. \$3.00.

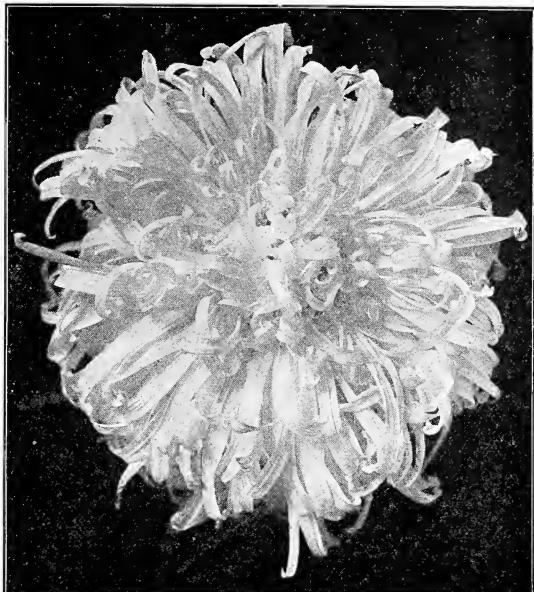
5310	Crimson	5315	Rose
5311	Dark Blue	5316	Rose and White
5312	Light Blue	5317	Sulphur Yellow
5313	Lavender	5318	The Bride. Pure white
5314	Peach Blossom	5319	Finest Mixed

•53191 Collection (6 distinct colours). Pkt. 50¢.

VICK'S KING ASTERS. This magnificent class of Aster is distinct from all others in the character of the flowers. The long narrow petals are folded lengthwise, appearing almost as though quilled. The flowers are of great size and substance, and last longer when cut than any other class; blooming with our Late Branching, they make a very desirable addition. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.25.

5320	Crimson	5324	Violet
5321	Lavender Pink	5325	White
5322	Pink	5326	Choice Mixed
5323	Rose		

•53291 Collection (6 distinct colours). Pkt. 75¢.



Aster, Giant Crego

ROCHESTER. The long narrow petals fall over one another in a charming cascade of colour, forming a wonderful shaggy mass that cannot be equalled for richness of effect. Pkt. 20¢; $\frac{1}{4}$ oz. \$1.50.

•5330	Lavender	5336	Rose Pink
5332	Purple	5338	White
5334	Shell Pink	5340	Finest Mixed

ROYAL ASTERS. A beautiful new class of Aster in which the petals are very broad and distinctly incurved or shell shaped. The peculiar shape of the petal has a charming grace and a Chrysanthemum-like effect. In size the flowers are like the Late Branching Aster, and the plants have the same sturdy vigour. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

5345	Lavender	5351	Shell Pink
•5347	Purple	5353	White
5349	Rose	5355	Choice Mixed

OSTRICH FEATHER or PLUME ASTERS. An extremely graceful Aster. Flowers of immense size with loose feathered heads. The branching habit makes it a conspicuous border plant, exceptionally good for table decoration. 2 to $2\frac{1}{2}$ ft. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00; oz. \$3.00.

5360	Crimson	5364	Terra Cotta
5361	Light Blue	5365	White
5362	Reddish Lilac	5367	White, Changing to Rose.
5363	Rose	5368	Mixed

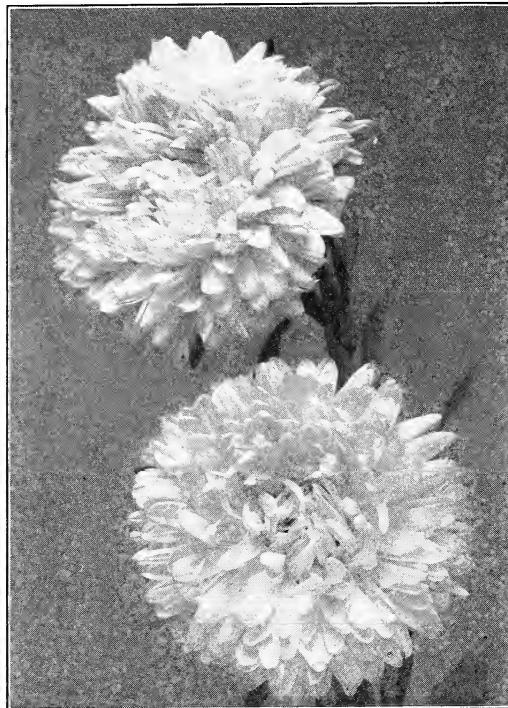
•53691 Collection (6 distinct colours). Pkt. 75¢.

QUEEN OF THE MARKET. This variety is about three weeks earlier than the larger varieties; flowers of medium size borne on long stems; used extensively by florists. $1\frac{1}{2}$ ft. Pkt. 10¢; $\frac{1}{4}$ oz. \$2.50.

5370	Crimson	5373	Lavender
5371	Dark Purple	•5374	Light Blue
5372	Deep Scarlet	5375	Pink (Shell)
•53791	Collection (6 distinct colours).		Pkt. 50¢.

SOUTHCOTE BEAUTY SINGLE ASTERS. A fine race of branching habit which has become exceedingly popular. The flowers have long, perfectly formed petals, but the golden yellow centres are very small, unrivalled for cutting and house decoration. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

5380	Mauve	5386	Scarlet
5382	Pink	5388	White
5384	Purple	5390	Mixed



Aster, Queen of the Market

VICTORIA ASTERS. One of the best types for exhibition. The petals curve outwards instead of folding in which makes it a splendid contrast to the Peony-Flowered varieties. The flowers are very large. Height 18 inches. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.25; oz. \$4.00.

5400	Azure Blue	5408	Rose and White
5401	Carmine Rose	5409	Scarlet
5403	Crimson	5410	Sulphur Yellow
5404	Dark Blue	5411	White
5406	Light Rose	5412	White. Tinted Rose
5407	Peach Blossom	5413	Mixed
54191	Collection (6 distinct colours).	Pkt.	75¢.
54192	Collection (12 distinct colours).	Pkt.	\$1.25.

OTHER VARIETIES OF ASTERS

5422 **New Yellow Inspiration.** These magnificent large double yellow flowers, four inches in diameter, borne upon long stems, are excellent for cutting. The long broad petals are curled as to give the blossom the appearance of a graceful chrysanthemum. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.50.

5425 **Breck's Dawn of Day.** One of the earliest-flowering white Asters; it flowers about 10 days ahead of *Queen of the Market*. Of perfect form, erect growth, and long stems with pure white flowers. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.00.

5432 **Peerless Pink.** This is conceded to be the finest pink late branching Aster ever offered. The plants are of robust, free-branching habit, 24 to 30 inches high, bearing their magnificent blooms on strong stems, averaging 18 inches in length, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. The colour is a rich shell pink. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

5437 **Peerless White.** Same type as *Peerless Pink*. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

5440 **Heart of France.** The finest pure red Aster yet introduced. Opens red and deepens with age and retains its beauty to the end. Beautiful in artificial or natural light. Large, full flowers of the Branching type and robust habit. The plants bloom early and continue late. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.50.

5445 **Hercules.** This is an Aster raised from the large white variety of Hercules first offered in 1905. The plants grow in a semi-dwarf compact form about 20 inches high and produce immense and beautiful flowers of a rosy lilac shade. One of the most refined of all Asters. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.25.



Aster, Heart of France

5450 **Pink Enchantress.** The flowers of this variety are always full and very double; the petals are wide and of medium length. The ones toward the centre folding in while those towards the outer edge gradually stand out more and more, the outside petals being almost flat. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.50.

5455 **Red Sensation.** The reddest of all Red Asters, the colour being a deep ox-blood red, which glistens in the sun like a live coal. Habit of plants branching, height 18 inches, the double flowers about 3 inches in diameter, are borne freely on stems 12 inches long. Pkt. 20¢; $\frac{1}{4}$ oz. \$1.50.

For Perennial Varieties see page 78.

BALLOON VINE

Annual climber. Flowers white; seed vessels like small balloons; pretty foliage; grows rapidly.

5460 **Halicacabrum Cardiospermum.** Pkt. 5¢; oz. 25¢.
BALSAM — Lady Slipper

Magnificent Summer and Autumn flowering annuals. Balsams are not often given room for perfect development; they will easily cover 12 to 18 inches of space each way if given fair treatment.

5465 **Breck's Special Mixture. Camellia-Flowered.** A magnificent strain, including a wide range of colours. Pkt. 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.
5466 Blue 5469 Primrose 5471 Scarlet
5467 Crimson 5470 Rose 5472 White
5468 Lilac
5473 Mixed. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.
5474 Collection (6 distinct colours). Pkt. 50¢.

BARTONIA

A splendid annual succeeding best when grown in partial shade or in a moist situation.

5475 **Aurea.** Golden yellow. 2 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢.

BEANS — Phaseolus Multiflorus
Well-known annual climbers with ornamental flowers and foliage, and long edible pods.

5477 **Butterfly Runner.** Pink and White. Pkt. 15¢; oz. 50¢.
5478 **Scarlet Runner.** Pkt. 5¢; oz. 10¢; $\frac{1}{4}$ lb. 25¢.
5479 **White Runner.** Pkt. 5¢; oz. 10¢; $\frac{1}{4}$ lb. 25¢.

BEGONIAS

These are valuable for pots and bedding out; especially adapted to slightly shady places. Seed should be sown from January to March in brisk heat in shallow, well-drained seed pans, filled with a compost of leaf-mould, loam, and sand. Cover the seed pans with glass to prevent rapid evaporation. Prick off when very small, and pot when large enough into 3 inch pots, giving a shift into larger size when necessary.

TUBEROUS ROOTED VARIETIES

5485 **Breck's International Prize, Single Mixed.** 1½ ft. The seed is the product of the finest and newest varieties selected for their large size and perfect form. Pkt. 50¢.

5486 **Breck's International Prize, Double Mixed.** 1½ ft. A superb strain, producing a very large percentage of double flowers. Pkt. 75¢.

5487 **Breck's International Prize, Fringed Mixed.** A type of Single Begonia which has become a great favourite, the petals of the flowers being beautifully fringed or frilled and highly decorative. Pkt. 50¢.

FIBROUS ROOTED BEGONIAS

EVERBLOOMING BEDDING VARIETIES. The *Semper-florens* varieties offered below are used mostly for bedding plants doing equally well in sunny or partially shaded locations. Seed sown in February or March will produce flowering plants from June till frost.

- 5490 *Erfordia Rubra*. Deep red. 1 foot. Pkt. 50¢.
- 5491 *Erfordia Grandiflora Superba*. Pink. Pkt. 50¢.
- 5492 Rose. Soft Rose. 1 foot. Pkt. 25¢.
- 5493 Vernon, Dwarf. Blood red. 6 inches. Pkt. 25¢.
- 5494 White. 1 foot. Pkt. 25¢.
- GRACILIS.** Splendid for groups and conservatory decoration; flowers all Summer. Pkt. 25¢.
- 5496 *Luminosa*. Glistening reddish-brown leaves and scarlet flowers.
- 5497 Pink.
- 5498 Pure White.
- 5499 Scarlet.

For Begonia Bulbs see page 90; for Plants see page 102

BRACHYCOME — Swan River Daisy

Dwarf compact-growing annual with an abundance of daisy-like blue flowers. Fine for edging. 6 inches.

- 5505 *Iberidifolia*, Little Blue Star. Pkt. 20¢; $\frac{1}{4}$ oz. \$1.00.

BROWALLIA

Beautiful free-flowering annuals, extensively grown as pot-plants for Winter flowering. $\frac{1}{2}$ feet.

- 5510 *Elasta Alba*. White. $\frac{1}{2}$ feet. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.
- 5512 *Elasta*. Dark Blue. $\frac{1}{2}$ feet. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.

- 5514 *Speciosa Major*. A superb strain which we can recommend with utmost confidence. It has strong habit of growth, bears an abundance of bright violet-blue flowers on plant which grows to the height of 18 inches. Pkt. 25¢; $\frac{1}{2}$ oz. \$2.00

CACALIA — Tassel Flower

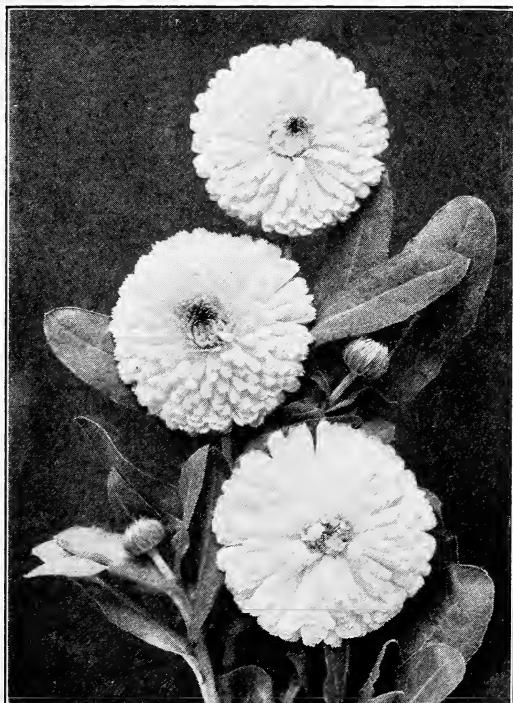
Hardy annual with showy trusses of tassel-like flowers; blooms profusely from July to October. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.

- 5518 *Aurea*. Yellow. 5520 *Coccinea*. Scarlet

CALANDRINIA

Very pretty annuals that bloom best when grown in sunny situations; seeds should be started in heat in March and transplanted to the open border in May. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢.

- 5525 *Grandiflora*. Rose. 1 foot.
- 5526 *Speciosa Alba*. White. $\frac{1}{2}$ foot.
- 5527 *Umbellata*. Crimson. $\frac{1}{2}$ foot.



Calandrinia, Orange King

CALENDULA—Pot Marigold

Very showy, free-flowering annual. Will grow in any good garden soil and continue to bloom from early Summer till frost. Valuable for pot culture. 1 foot.

- 5530 **Breck's Giant Orange**. This is a very choice strain, grown especially for us. It is quite distinct from any other variety. The colour is a very deep orange. The flowers are extra large and borne on good stout stems. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.00.
- 5531 **Lemon Queen (Special Strain)**. Large beautiful flowers. Pkt. 10¢; oz. 50¢.
- 5532 **Meteor**. Creamy centre edged with orange. 1 foot. Pkt. 10¢; oz. 35¢.
- 5533 **Orange King**. Double dark orange red. Pkt. 10¢; oz. 50¢.
- 5534 *Pluvialis (Cape Marigold)*. White. 1 foot. Pkt. 10¢; oz. 50¢.
- 5535 **Prince of Orange**. Orange, selected strain. 1 foot. Pkt. 10¢; oz. 35¢.
- 5536 **Double Mixed**. Pkt. 5¢; oz. 35¢.

CAMPANULA

The annual Campanulas are very free-blooming, of compact growth, and suitable for edging. 6 inches.

- 5540 **Attica**. Blooms profusely and remains in flower for a long period; colour violet. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.00.
- 5541 **Attica Alba**. Pure white flowers which contrast admirably with the preceding. Pkt. 10¢; $\frac{1}{4}$ lb. \$1.00.
- 5545 **Speculum Veneris (Venus' Looking Glass)**. Mixed colours. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.
- 5546 **Speculum Blue**. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.
- 5547 **Speculum Lilac**. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.
- 5548 **Speculum White**. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

For Perennial Varieties see page 78



Candytuft, Breck's White Giant

CANDYTUFT—Iberis

Very showy, branching annual plants that produce flowers which embrace nearly all shades of red, purple, and white. A succession of sowings lengthens the season of bloom. Seed sown outdoors in Spring will produce flowers from July to September. Is very effective for beds, borders, etc., and useful for pot culture during Winter.

- 5550 **Breck's White Giant**. The best large-flowered white variety. It produces giant spikes of pure white flowers. Excellent for greenhouse culture; for outdoors bedding it is unexcelled. Pkt. 15¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.
- 5551 **Dunnett's Crimson**. 1 foot. Pkt. 10¢; oz. 50¢.
- 5552 **Empress**. White. 1 foot. Pkt. 10¢; $\frac{1}{4}$ oz. 20¢; oz. 6¢.
- 5553 **Improved White Spiral**. White. $\frac{1}{2}$ feet. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.
- 5554 **Lavender**. Rosy Lavender. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.
- 5555 **Little Prince**. A dwarf Empress. White. $\frac{3}{4}$ foot. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.
- 5556 **Purple**. Pkt. 10¢; oz. 50¢.

CANDYTUFT—Continued

5557 Rose Cardinal. Rose. 1 foot. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.
 5558 White Rocket. 1 foot. Pkt. 5¢; oz. 30¢.
 5559 Dwarf Hybrids. Mixed. $\frac{3}{4}$ foot. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.
 5560 Giant Improved. Mixed. 1 foot. Pkt. 5¢; oz. 40¢.
 For Perennial Varieties see page 79

CANNA—Indian Shot

Rapid-growing bedding plants with luxuriant foliage and brilliant flowers. Soak the seeds in warm water until they become swollen, then sow in light sandy soil about $\frac{1}{2}$ inch deep.

5561 Dark-Leaved Varieties, Mixed. Pkt. 10¢; oz. 50¢.
 5562 Green-Leaved Varieties, Mixed. Pkt. 10¢; oz. \$1.00.
 5563 Variegata, Mixed. Pkt. 10¢; oz. \$2.00.
 5564 Crozy's Large-Flowered, Mixed. Pkt. 10¢; oz. 50¢.

CARNATION

The Marguerite varieties are generally treated as half-hardy annuals. Will bloom four months from planting of seeds, and will continue until frost. Flowers are of large size and very double. Very fragrant. Height, 15 inches.

5565 Rose. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.50.
 5566 Scarlet. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.50.
 5567 Violet. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.50.
 5568 White. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.50.
 5569 Yellow. Pkt. 10¢; $\frac{1}{4}$ oz. \$2.00.
 5570 Giant Mixed. All colours. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.50.
 5572 Malmaison Mixed. A greatly improved strain from an unexcelled collection; producing extra large flowers. 1 foot. Pkt. 25¢; $\frac{1}{4}$ oz. \$2.00.

5574 Giants of Nice. We have an exceedingly fine strain of this variety which is a strong robust grower. Very large flowers of many delicate colours. 1½ feet. Pkt. 50¢.
 For Perennial Varieties see page 79



Celosia Cristata Nana

CELOSIA—Cockscomb

Magnificent, free-flowering, Hardy Annuals with large comb-like flower heads of the most brilliant colours. The dwarf varieties are especially valuable for edgings while the taller sorts are used for massing or grouping.

CELOSIA CRISTATA NANA. Height, 9 inches.
 5580 Chamois. Fawn. Pkt. 15¢; $\frac{1}{8}$ oz. 75¢.

5581 Copper-Color. Bronze. Pkt. 15¢; $\frac{1}{8}$ oz. 75¢.
 5582 Glasgow Prize. Crimson. Pkt. 20¢; $\frac{1}{8}$ oz. \$1.00.
 5583 Golden Yellow. Pkt. 15¢; $\frac{1}{8}$ oz. 75¢.
 5584 Queen of Dwarfs. Rose. Pkt. 20¢; $\frac{1}{8}$ oz. \$1.00.
 5585 Scarlet. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.00.
 5586 Violet. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.00.
 5587 Mixed. Pkt. 10¢; $\frac{1}{8}$ oz. 50¢.

CELOSIA PLUMOSA—Thompsoni Magnifica

5589 Breck's Crimson Plume. Bright crimson. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.25.
 5591 Breck's Yellow Plume. Deep golden-yellow. 2 feet. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.25.
 5592 Breck's Scarlet Plume. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.25.
 5593 Breck's White Plume. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.25.
 5594 Pride of Castle Gould. A distinct type of feathered cockscomb covered with immense fine heads of the most brilliant colourings. Pkt. 25¢.
 5595 Choice Mixed. Pkt. 15¢; $\frac{1}{4}$ oz. 75¢.
 5596 Ostrich Feather Crimson. 3 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

5597 Ostrich Feather Orange. 3 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.
 5598 Ostrich Feather Mixed. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.
 55991 Collection (6 distinct colours). Pkt. 50¢.
 5600 Childsi (Chinese Woolflower). Brilliant scarlet colour with large roundish head like a ball of wool. Very showy. Pkt. 25¢.



Centaurea, Mixed

CENTAUREA—Cyanus

CORN FLOWER. Old-fashioned flowers that are very popular which will grow in any situation, and bloom continuously. They usually reseed themselves, coming up year after year.

SINGLE VARIETIES

5605 Emperor William. Blue. Pkt. 5¢; oz. 30¢; $\frac{1}{4}$ lb. \$1.00.
 5606 Pink. Pkt. 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.
 5607 Purple. Pkt. 5¢; oz. 30¢.
 5608 Victoria. Blue Miniature. Pkt. 10¢; oz. 50¢.
 5609 White. Pkt. 5¢; oz. 30¢.
 5610 Mixed. Pkt. 5¢; oz. 30¢.

DOUBLE VARIETIES

5612 Double Blue. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.
 5613 Rose Pink. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.
 5614 White. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.
 5615 Choice Mixed. Pkt. 10¢; oz. \$1.00.

IMPERIALIS (Giant Sweet Sultan). This variety represents the best that has been produced in these beautiful Summer-flowering plants. The flowers will keep in water for over a week if cut when just about to open. 3 feet. Pkt. 15¢; $\frac{1}{8}$ oz. 50¢.

5620 Alba. White. 5623 Purpurea. Purple.
 5621 Armida. Lilac. 5624 Splendens. Dk. Purple.
 5622 Favorita. Rose. 5625 Mixed.

CENTAUREA (*Sweet Sultan*).

5630 *Americana*. Flowers rosyl-lilac often measuring 4 inches across. 3 feet. *Pkt.* 10¢; $\frac{1}{4}$ oz. 75¢.
 5631 *Americana Alba*. Pure White. *Pkt.* 25¢.
 5632 *Moschata Blue*. *Pkt.* 10¢; oz. \$1.00.
 5633 *Margaret*. Flowers pure white. $2\frac{1}{2}$ inches across. *Pkt.* 10¢; oz. \$1.25.

5634 *Moschata Rosea*. The colour of the flower in opening is a delicate rosyl-white changing to tender rose-pink later. *Pkt.* 15¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

5635 *Suaveolens*. Yellow. *Pkt.* 10¢; oz. \$1.00.

5636 *Moschata White*. *Pkt.* 10¢; oz. \$1.00.

5637 *Moschata Choice Mixed*. *Pkt.* 10¢; oz. 60¢.

WHITE LEAVED CENTAUREA (*Dusty Miller*). Silvery foliage, dwarf, extensively used for edging of flower beds.

5638 *Candidissima*. Broad silvery foliage. 1 foot. *Pkt.* 20¢; $\frac{1}{4}$ oz. \$1.00.

5639 *Gymnocarpa*. Narrow silvery foliage. 1 foot. *Pkt.* 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

For Perennial Varieties see page 79

CENTRANTHUS

A free-flowering bushy annual with clusters of long tube-like flowers that grow freely in any soil.

5640 *Finest Mixed*. *Pkt.* 5¢; oz. 50¢.

CHRYSANTHEMUMS

All the Summer-flowering Chrysanthemums are very effective and showy plants for beds and borders, besides affording an immense material for cutting. Sow seeds where the plants are wanted to bloom and thin out to 9 inches apart; earlier flowering plants can be had by sowing early in March in a cold-frame, and transplanting when large enough.

SINGLE VARIETIES

5650 *Burridgeanum*. White and red. *Pkt.* 10¢; $\frac{1}{4}$ oz. 20¢; oz. 50¢.

5652 *Eclipse*. Brown, yellow. *Pkt.* 10¢; $\frac{1}{4}$ oz. 20¢; oz. 50¢.

5654 *Evening Star (Golden Marguerite)*. Golden-yellow. Flowers measure 3 inches in diameter. *Pkt.* 15¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5656 *Morning Star*. Pale primrose. *Pkt.* 15¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5658 *Northern Star*. Giant white, with yellow zone. *Pkt.* 15¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5660 *Purple Crown*. *Pkt.* 10¢; $\frac{1}{4}$ oz. 20¢; oz. 50¢.

5662 *Scarlet*. *Pkt.* 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

5664 *Choice Mixed*. *Pkt.* 5¢; $\frac{1}{4}$ oz. 20¢; oz. 50¢.

DOUBLE VARIETIES

5670 *Album*. White. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5672 *Atrococcineum*. Crimson. *Pkt.* 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

5674 *Sulphurea*. Primrose. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5676 *Choice Mixed*. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5678 *Fringed Hybrids, Mixed*. *Pkt.* 15¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.25.

5680 *Inodorum, Bridal Robe*. Pure double white flowers carried well above the dark-green foliage; very useful for floral work of all kinds. *Pkt.* 15¢; $\frac{1}{4}$ oz. \$1.00.

For Perennial Varieties see page 79; for Greenhouse Varieties see page 87; for Plants see pages 103, 110 and 111.

CINERARIA

Foliage Varieties. Suitable for ribbon beds and edging.

5685 *Maritima (Candidissima)*. Silver foliage, 1 foot. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5686 *Maritima Diamond (Dusty Miller)*. Silvery green foliage. 1 foot. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

For Greenhouse Varieties see page 87.

CLARKIA

Popular Annuals which can be grown with the utmost ease in ordinary soil. They flower profusely and are as exceedingly attractive or bedding as for cutting. 2 to $2\frac{1}{2}$ feet.

5690 *Alba*. Pure white. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5692 *Chamois Queen*. Buff colour. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5694 *Orange King*. Colour very bright orange. Flowers are very double, and will make useful plants for pot culture, for conservatory work or for open ground. *Pkt.* 15¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.25.

5696 *Purple King*. Double purple. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.



Chrysanthemum Tricolor

5698 *Queen Mary*. This is a lovely rose carmine flower, double, free-flowering, the brightest colour of any Clarkia yet produced. *Pkt.* 15¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.25.

5700 *Rosea*. Dwarf rose. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5702 *Salmon Queen*. Salmon-pink. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5704 *Vesuvius*. Double scarlet. *Pkt.* 15¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.25.

5706 *Mixed*. All sorts. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

57091 *Collection* (6 distinct colours). *Pkt.* 50¢.

CLEOME — Spider Plant

5710 *Pungens*. A pretty plant with curious heads of pink flowers. 2 feet. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

CLINTONIA

A Lobelia-like plant, charming for edging or rock work.

5715 *Pulchella*. Blue and white. *Pkt.* 25¢.

COBÆA — Cup-and-Saucer Vine

A rapid-growing climber producing large, bell-shaped flowers and blooming the first year from seeds. In sowing, place the seeds edge-wise and merely cover with light soil.

5720 *Scandens Purpurea*. Purple. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5721 *Scandens Alba*. Pure white. *Pkt.* 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

COCCINEA

Climbing shrub with large white flowers and fruit of a red colour when ripe.

5725 *Indica*. White. *Pkt.* 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

COLLINSIA

Beautiful free-flowering plants for beds and mixed borders. 1 foot.

5728 *Finest Mixed*. *Pkt.* 10¢; oz. 50¢.

COLLOMIA

Good for pot culture and bedding; fine for bees.

5730 *Coccinea*. Scarlet and yellow. *Pkt.* 10¢; oz. 50¢.

CONVOLVULUS — Morning Glory

The most popular and widely grown climber of luxuriant growth for covering verandas and arbors, or for screening. The flowers of this class are remarkable for their rich and clear colours and are very effective. Dwarf Morning Glory is suitable for growing in clumps or beds, and fine for hanging baskets, window boxes, etc.

5735 *Double Snow Fairy*. This is a magnificent and unique flower. It grows as vigorously as the other varieties. The flowers appear like large snow-white tassels, the whole forming a most unique and beautiful blossom. *Pkt.* 15¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

CONVOLVULUS — Continued

5736 Imperial Japanese. Mixed colours. A specially selected strain with a wonderful range of colours; the flowers are of enormous size, many of them being spotted, marbled, striped, flaked and splashed. 20 feet. Pkt. 10¢; oz. 50¢.

5737 Major. Mixed colours. The common Morning Glory. Pkt. 5¢; oz. 15¢; $\frac{1}{4}$ lb. 35¢.

5738 Purpureus Fl. Pl. Double mixed. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

5740 Mauritanicus. Blue. 1 foot. Pkt. 25¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

5741 Minor Rose Queen. Rose. 1 foot. Pkt. 10¢; oz. 50¢.

5742 Minor Splendens. Violet. 1 foot. Pkt. 10¢; oz. 50¢.

5743 Minor White. 1 foot. Pkt. 10¢; oz. 50¢.

5744 Minor Mixed. 1 foot. Pkt. 10¢; oz. 50¢.



Coreopsis Drummondii

COREOPSIS — Calliopsis

Very showy, free-flowering annual plants, useful for borders and cutting. Blooms from June until frost.

5750 Atrosanguinea. Crimson. 2 feet. Pkt. 10¢; oz. 50¢.

5752 Bicolor Marmorata. Yellow and brown. 2 feet. Pkt. 10¢; oz. 50¢.

5754 Coronata. Yellow. 1½ feet. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

5756 Drummondii. Yellow and brown. Pkt. 10¢; oz. 50¢.

5758 Fire King. The flowers are of a deep bright scarlet. Very free-flowering, the plant being a mass of blooms. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

5760 Radiata Tiger Star. Yellow and brown. 3/4 foot. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

5762 Radiata Dark Brown. 2 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5764 Tinctoria. Yellow and brown. 2 feet. Pkt. 10¢; oz. 50¢.

5766 Tom Thumb Crimson King. ½ foot. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

5768 Bicolor Nana. Dwarf Mixed. 1 foot. Pkt. 10¢; $\frac{1}{4}$ oz. 20¢; oz. 60¢.

5770 Double Hybrids. Mixed colours. 1½ feet. Pkt. 10¢; oz. 50¢.

5772 Tall Mixed. 1½ feet. Pkt. 5¢; oz. 30¢.

For Perennial Varieties, see page 80.

COSMOS

A tall Hardy Annual in the front rank of our mid-season and Autumn flowers. Excellent for cutting.

BRECK'S MIDSUMMER. A very early large-flowered, new type. The plants have a nice pyramidal habit, the flowers are very large with wide petals. We especially recommend this type as the most desirable and satisfactory for growing in New England. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.00.

5780 Pink

BRECK'S EARLY GIANT. This wonderful Cosmos makes a bushy plant and grows 4 to 5 feet high. It begins to bloom about the middle of July and bears large flowers 4 inches or more in diameter. Seeds should be sown in house or hot-bed but can also be sown outdoors early in May. Pkt. 15¢; $\frac{1}{4}$ oz. 75¢.

5790 Blush

5794 Pink

5798 Mixed

5792 Crimson

5796 White

BRECK'S EARLY BLOOMING. 3 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5800 Crimson.

5804 White.

5802 Pink.

5806 Mixed. Beautiful shades.

COSMOS LADY LENOX. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

5808 Shell Pink. Flowers of enormous size; very desirable for decoration.

5810 Pure White. Enormous flowers.

MAMMOTH LATE BLOOMING. 5 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5812 Pink. 5814 Red. 5816 White. 5818 Mixed.

5820 Klondyke. Yellow. 4 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

BRECK'S DOUBLE COSMOS. The flowers of these varieties are full, round and double. The double flowers aside from their novelty and beauty, are of lasting quality on the plants as cut flowers. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.00.

5825 Autumn. Crimson. 5835 Snowball. Pure White.

5830 Eureka. Pink. 5836 Mixed.

CUPHEA — Cigar Plant

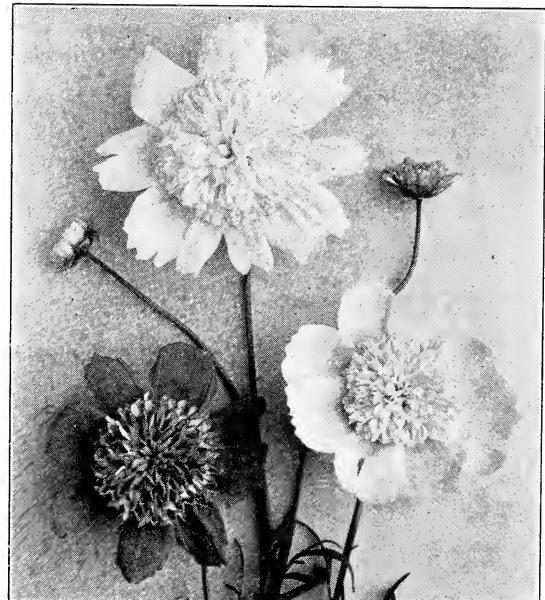
Half-hardy Perennials, treated as Annuals, will bloom first year from seeds. Free-flowering plants with small tubular blossoms. 1 foot. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

5840 Miniatia. Crimson. 5842 Compacta, Mixed.

CYPRESS VINE

Very pretty vine, having clusters of star-shaped flowers and feathery green foliage. Half-hardy Annual. 10 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

5845 Scarlet. 5846 White. 5847 Mixed.



Breck's Double Cosmos



Breck's Midsummer Cosmos

DAHLIA

We offer seed from the finest collection in Europe. If the seed be started early in a hot-bed an abundance of flowers will be produced the same season. Dahlias like a rich, deep soil. The roots should be housed during Winter.

5848 Breck's Art Dahlia. A very interesting type, blooms abundantly the first season from seed. The flowers are medium in size, and for delicate colours well nigh rival Orchids. Flowers are single and semi-double and formed in cup-shape. Stems are from 2 to 3 feet long and have very little foliage which renders them useful as cut flowers. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.00.

5850 Cactus. Mixed. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.50.

5852 Collarette. Single Mixed. Pkt. 20¢; $\frac{1}{4}$ oz. \$1.00.

5854 Double Glory. Flowers vary in size from 1 to 3 inches and resemble Scabiosa. Pkt. 15¢.

5856 Double grandiflora. Mixed. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.00.

5858 Dwarf Mignon. The plants of this type are of compact, close habit and produce a mass of flowers of the most brilliant colours from early in the season until frost. Mixed colours. Pkt. \$1.00.

5860 Peony Flowered. Mixed. Pkt. 20¢; $\frac{1}{4}$ oz. \$1.25.

5862 Pompon. Mixed. 2 feet. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.50.

5864 Single Perfection. Mixed. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

For Dahlia Bulbs see pages 92 to 96

DATURA — Trumpet Flower

Handsome ornamental Annuals with large trumpet-shaped flowers. In large clumps or borders of shrubbery these produce an excellent effect. They do well on light sandy soil. 2 to 3 feet.

5867 Cornucopia. White, mottled with royal purple. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5868 Golden Queen. Yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5869 Humilis. Double Yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

5870 Mixed. Pkt. 10¢; oz. 60¢.

Plant Food in Tablet Form

Stim-U-PlanT tablets are packed in four sizes

TRIAL SIZE 15 cents SMALL SIZE 25 cents

100 TABLETS 75 cents

1,000 TABLETS \$3.50

An excellent fertilizer for use on home plants.



Dianthus Chinensis
DIANTHUS—Pinks

This family of "Pinks" is unrivalled for brilliancy and rich variety of colour. The plants are bushy, of symmetrical form, bloom profusely until Autumn, rendering them most satisfactory for Summer flower gardens. Height about 1 foot.

DOUBLE ANNUAL VARIETIES

5873 *Albo-Marginatus* (*Mourning Cloak*). Rich velvety crimson with silvery edge. Pkt. 25¢.

5875 *Chinensis*. (*China* or *Indian Pink*.) Choice mixed, flowers very double; blooms in clusters in a large variety of colours. Pkt. 5¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5877 *Diadematus* (*Double Diadem Pink*). Finest mixed. Fine double flowers in various shades of crimson, lilac, purple, with the outer edges fringed and nearly white. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

5879 *Hedgewigii*. Choice Mixed. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

5880 *Hedgewigii Albus*. Pure White. Pkt. 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

5882 *Imperialis*. Finest Mixed. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5884 *Laciniatus*. Choice Mixed; extra fine, very showy, large double-fringed flowers. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

SINGLE ANNUAL VARIETIES

Busby plants about 1 foot high. Flowers are very large, often two inches across, and freely produced from early Summer until frost. For Summer flower beds their gorgeous colours render them unrivaled. The single varieties are preferable to the double for effectiveness when bedded.

5886 *Crimson Belle*. Brilliant crimson. Pkt. 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

5888 *Hedgewigii*. Mixed. Pkt. 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

5890 *Laciniatus*. Mixed. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5894 *Salmon Queen*. Delicate salmon red. Pkt. 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

5896 *The Bride*. Very dwarf and compact; large flower, pure white with crimson eye. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

For Perennial Varieties see page 85

DIDISCUS—Lace Plant

This valuable flower deserves larger cultivation for florist use. Flowers in clusters, borne on long, stout stems. General appearance not unlike lace, and is often referred to as "Lace Plant." Plants about 18 inches high.

5890 *Cœruleus*. Light Blue. Pkt. 15¢; $\frac{1}{8}$ oz. 50¢.



Dimorphotheca Aurantiaca Hybrids

DIMORPHOTHECA—South African Daisy

5905 *Aurantiaca*. A rich-flowering Annual of easy culture. The plants which are of neat branching habit, grow from 12 to 15 inches high and produce Marguerite-like blossoms 3 inches in diameter. The colour is a beautiful deep golden-orange. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢.

5906 *Aurantiaca Hybrids*. These new selected hybrids are like the parent in habit and growth with beautiful and varied colours. Pkt. 15¢; $\frac{1}{4}$ oz. 60¢.

5907 *Aurantiaca Double Hybrids*. Mixture of bright colours. Pkt. 25¢.

DOLICHOS—Hyacinth Bean

A rapid-growing, hardy annual climber, with white or purple flowers which are followed by ornamental seed pods. 10 feet. Pkt. 10¢; oz. 35¢.

5910 *Darkness*. Purple. 5912 Mixed.

5911 *Daylight*. White.

ECHINOCYSTIS—Wild Cucumber

Rapid growing vine with bright green foliage and clusters of white flowers. One of the best annual climbers for covering old fences, trellises, etc. Soak the seed in water for 24 hours before sowing.

5914 *Lobata*. Pkt. 5¢; oz. 50¢.

ERYSIMUM

Attractive hardy Annuals for mixed borders, lasting a long time in bloom. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢.

5916 *Arkansanum*. Sulphur yellow.

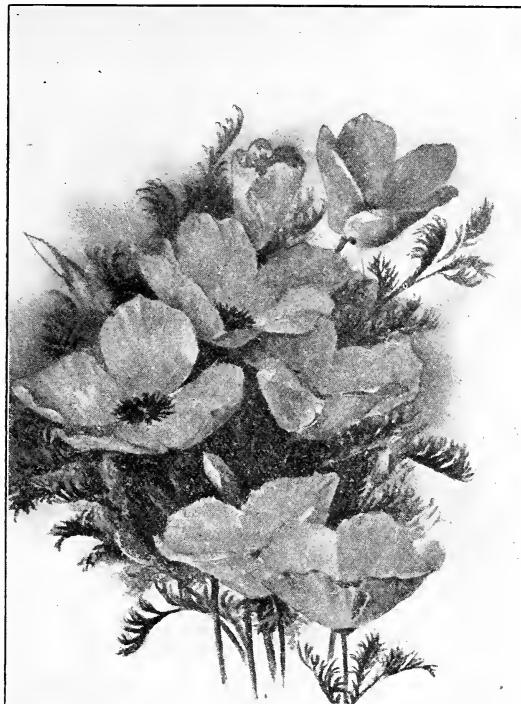
5917 *Peroftskianum*. Orange.

If your plants suffer from soft-bodied sucking insects
spray with

"BLACK LEAF 40"

One ounce bottle 35¢.

Half-pound can \$1.25.



Eschscholtzia, The Geisha

ESCHSCHOLTZIA—California Poppy

Beautiful and popular Annuals of easy culture forming bushy plants 1 foot high. The large saucer-shaped flowers are produced abundantly from Spring until frost.

- 5920 Alba. Pure white. Pkt. 5¢; oz. 30¢.
- 5921 Crocea Fl. Pl. Very fine double, large orange flowers, like a Marechal Neil Rose. Pkt. 15¢; 1/4 oz. 30¢; oz. \$1.00.
- 5922 Dainty Queen. Pale pink, lovely delicate shade. Pkt. 15¢; 1/4 oz. 30¢; oz. \$1.00.
- 5923 Golden West. An improved strain of California yellow; orange centre. Pkt. 10¢; oz. 50¢.
- 5924 Mandarin. Rich deep orange, shaded crimson; fine compact habit. Pkt. 10¢; oz. 50¢.
- 5925 Mikado. Orange crimson. Pkt. 15¢; 1/4 oz. 50¢; oz. \$1.50.
- 5926 Rose Queen. Pkt. 15¢; 1/4 oz. 50¢; oz. \$1.50.
- 5927 The Geisha. Petals fluted; colour brilliant gold suffused crimson. Pkt. 15¢; 1/4 oz. 50¢; oz. \$1.50.
- 5928 Double Choice Mixed. Including all the new and beautiful shades. Pkt. 10¢; 1/4 oz. 30¢; oz. \$1.00.
- 5929 Fine Mixed. 1 foot. Pkt. 5¢; oz. 25¢; 1/4 lb. 75¢.
- 5930 Breck's Giant Mixed. Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.

EUPHORBIA

Hardy Annuals with ornamental foliage growing about 2 feet high.

- 5935 Heterophylla (Mexican Fire Plant). Large glossy green leaves which turn to an orange-scarlet. Pkt. 10¢; 1/4 oz. \$1.00.
- 5936 Variegata (Snow on the Mountain). Variegated green and white foliage. Excellent for bouquets. Pkt. 10¢; oz. \$1.00.

GAILLARDIA—Blanket Flower

The Gaillardia is almost unique in varied brilliancy of colouring—the blending of the rich shades of brown, maroon, and gold being particularly striking. Useful for beds, borders and cutting. Height 2 to 3 feet.

- 5940 Amblyodon. Single deep red. Pkt. 10¢; 1/4 oz. 30¢; oz. \$1.00.
- 5942 Lorenziana (The Bride). Double White. Pkt. 10¢; 1/4 oz. 30¢; oz. \$1.00.
- 5944 Lorenziana. Double Mixed. Pkt. 10¢; oz. 60¢.
- 5946 Breck's Superb Strain. Single and Double Mixed. Pkt. 10¢; 1/4 oz. 30¢; oz. \$1.00.
- 5948 Single Mixed. Pkt. 5¢; oz. 50¢.

For Perennial Varieties see page 81



Gaillardia, Brecks Superb Strain

GAURA

A gracefully branching plant bearing long spikes of white, rose-tinted flowers; blooms from seed the first season.

- 5950 Lindheimeri. White and red. Pkt. 10¢; 1/4 oz. 25¢; oz. 75¢.

GILIA

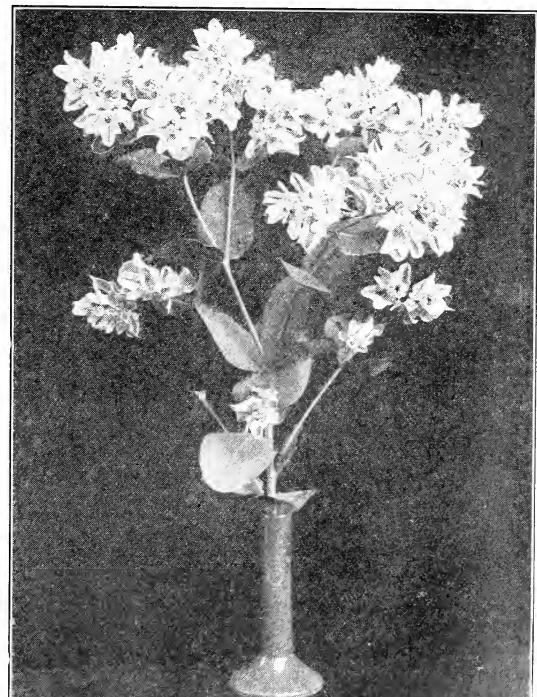
Old-fashioned hardy Annuals suitable for borders and rock work. They bloom profusely throughout the season and thrive in almost any situation. 1 foot.

- 5952 Tricolor. White, lilac, and purple mixed. Pkt. 10¢; oz. 60¢.

GLOBE AMARANTH—Gomphrena

These Everlastings are old favourites for Winter bouquets, formerly called "Bachelor Buttons." The flowers are globular in form, of delicate colours, and retain their beauty for years. They should be grown in good rich loam. 1 1/2 feet. Pkt. 5¢; oz. 50¢.

5955 Orange	5958 Violet
5956 Rose	5960 White
5957 Striped	5961 Mixed
5962 Nana Compacta Alba.	1 foot. Pkt. 10¢; oz. 60¢.
5963 Nana Compacta Rubra.	1 foot. Pkt. 10¢; oz. 60¢.



Euphorbia Variegata, Snow on the Mountain

GODETIA — Satin Flower

Few Annuals are more beautiful than the Godetia, which is exceedingly showy when grown in beds. Flowers of fine size, of exquisite colours, that glisten in the sunlight like satin. Compact and bushy in growth. Height 1 to 2 feet.

5965 **Crimson Glow.** Dazzling crimson. Pkt. 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

5967 **Duchess of Albany.** White. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5969 **Gloriosa.** Red. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

5971 **Lady Albermarle.** Crimson. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5973 **Schamini, Fl. Pl.** Double rose. Very effective for bedding or cut bloom; if cut as soon as buds are fully developed it will last a long time in water. 2 feet. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

5975 **The Bride.** White and crimson. Pkt. 10¢; $\frac{1}{4}$ oz. 20¢; oz. 75¢.

5977 **Yellow Queen.** Yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

5979 **Mixed.** Pkt. 10¢; $\frac{1}{4}$ oz. 20¢; oz. 75¢.

59791 **Collection** (6 distinct colours). Pkt. 50¢.

GOURDS

Quick-growing, interesting annual climbers, useful for covering arbors, walls or fences. Ornamental foliage, with fruit in many peculiar shapes. Pkt. 10¢; oz. \$1.00.

5980 **Acatangulus.** Rag or dish-cloth Gourd.

5981 **Angora.** White-spotted fruit.

5982 **Apple-shaped.** Small fruit.

5983 **Bottle-shaped.** Ornamental and curious.

5984 **Calabash.** Stem ends of fruit used for making pipes.

5985 **Dipper-Shaped.** Used as dippers by the natives in tropical countries.

5986 **Egg-Shaped.** White nest-egg.

5987 **Erinaceous.** Hedge-Hog Gourd.

5988 **Flexuous.** Snake cucumber.

5989 **Gooseberry-Shaped.** Small and very odd.

5990 **Hercules' Club.** Long white.

5991 **Lemon-Shaped.**

5992 **Orange-Shaped.**

5993 **Pear-Shaped.**

5994 **Sugar Trough.** Used as sugar holders.

5995 **Mixed.** Pkt. 10¢; oz. 50¢.

59991 **Collection** (12 distinct varieties). Pkt. 75¢.

GRASSES — ORNAMENTAL

The ornamental grasses are a most valuable class of plants for the lawn or shrub border. The Annual sorts are particularly pretty on account of the graceful, feathery-flowered panicles which are used in bouquets.

6000 **Agrostis nebulosa.** Ornamental and graceful habit. 18 inches. Pkt. 10¢; oz. \$1.00.

6001 **Agrostis pulchella.** Suitable for mixing with flowers. 6 inches. Pkt. 10¢; oz. \$1.00.

6002 **Avena sterilis.** Animated oat, very graceful. 3 feet. Pkt. 10¢; oz. 40¢.

6003 **Briza gracilis.** Quaking grass. 1 foot. Pkt. 10¢; oz. 75¢.

6004 **Briza maxima.** One of the best ornamental grasses. 2 feet. Pkt. 10¢; oz. 75¢.

6005 **Bromus briziformis.** A choice and valuable variety. 1 foot. Pkt. 10¢; oz. 50¢.

6007 **Chrysurus Cyndsuroides.** A desirable grass with bright golden spikes. 1 foot. Pkt. 10¢; oz. \$1.00.

6008 **Coix Lachryma Jobi (Job's Tears).** Very effective. 18 inches. Pkt. 10¢; oz. 25¢.

6009 **Eragrostis Elegans.** Love grass, very ornamental. 1 foot. Pkt. 10¢; oz. 75¢.

6010 **Hordeum Jubatum.** Very handsome plumes. 18 inches. Pkt. 10¢; oz. \$1.00.

6011 **Lagurus Ovatus.** Hare's Tail grass. 18 inches. Pkt. 10¢; oz. 50¢.

6012 **Pennisetum Longistylum.** A beautiful variety. 2 feet. Pkt. 10¢; oz. 50¢.

6013 **Pennisetum Rueppelianum.** Pkt. 10¢; oz. \$1.00.

6014 **Zea Japonica Variegata.** Striped Japanese Maize. 4 feet. Pkt. 10¢.

6015 **Mixed.** All Varieties. Pkt. 10¢; oz. 50¢.

60191 **Collection** (12 Varieties). Pkt. 75¢.

For Perennial Varieties see page 81

GYPSOPHILA — Baby's Breath

Bushy, free-blooming plants, producing great numbers of small white flowers in loose, graceful panicles. They are especially valuable in making bouquets.

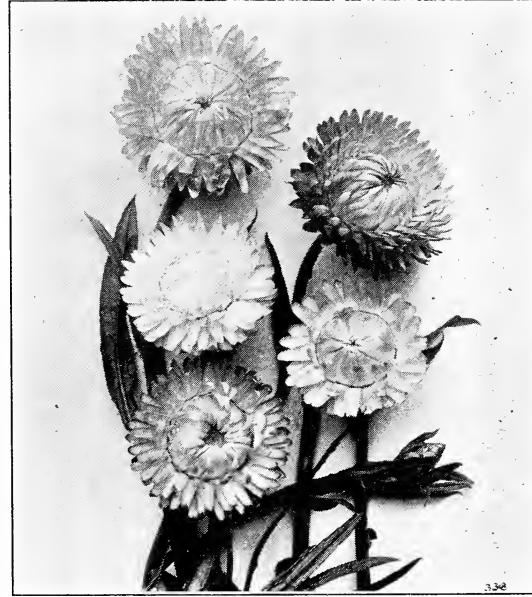
6020 **Breck's Giant White.** Pure white. Pkt. 10¢; $\frac{1}{4}$ oz. 15¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.

6021 **Elegans Alba.** White. 1 foot. Pkt. 5¢; oz. 30¢; $\frac{1}{4}$ lb. \$1.00.

6022 **Elegans Rosea.** Rose. 1 foot. Pkt. 10¢; $\frac{1}{4}$ oz. 15¢; oz. 50¢.

6023 **Muralis.** Red. 1 $\frac{1}{2}$ feet. Pkt. 10¢; $\frac{1}{4}$ oz. 40¢; oz. \$1.50.

For Perennial Varieties see page 81



Helichrysum Monstruosum

HELICHRYSUM — Everlastings

The best known of all the Everlastings. They should be gathered when partially unfolded and suspended with their beads downward in a cool place. They prefer a rich, loamy soil. 1 to 2 feet.

6025 **Album.** Single White. Pkt. 5¢; oz. 60¢.

6026 **Album, Fl. Pl.** Double White. Pkt. 10¢; $\frac{1}{4}$ oz. 40¢; oz. \$1.25.

6027 **Bracteatum.** Single Yellow. Pkt. 5¢; oz. 60¢.

6028 **Fireball.** Double Crimson. Pkt. 10¢; $\frac{1}{4}$ oz. 40¢; oz. \$1.25.

6029 **Luteum, Fl. Pl.** Double Yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 40¢; oz. \$1.25.

6030 **Purpureum, Fl. Pl.** Double purple. Pkt. 10¢; $\frac{1}{4}$ oz. 40¢; oz. \$1.25.

6031 **Roseum, Fl. Pl.** Double rose. Pkt. 10¢; $\frac{1}{4}$ oz. 40¢; oz. \$1.25.

6032 **Monstruosum, Fl. Pl. Mixed.** Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6033 **Nanum, Fl. Pl. Mixed.** Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

60341 **Collection** (6 distinct colours). Pkt. 50¢.

HIBISCUS — Mallow

Vigorous growing plants, producing handsome flowers, often 6 inches across. Fine for mixed beds and borders.

6035 **Africanus (African Rose).** Yellow and brown. 5 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 20¢; oz. 75¢.

6037 **Crimson Eye.** White and crimson. 5 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

For Perennial Varieties see page 82

HOLLYHOCK — Althea

The annual or perpetual-flowering Hollyhocks grow to a height of 3 feet, good bushy habit, seeds sown early in Spring will bloom in August of same year.

6038 **Double Mixed.** Pkt. 15¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

6040 **Single Mixed.** Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

For Perennial Varieties see page 82

For Plants see page 108

HUMULUS — Hop

Popular climbing vines having dense luxuriant foliage, valuable for covering trellises and verandas.

6042 **Japonica**. Green foliage. 20 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

6044 **Japonica Variegata**. Variegated foliage. 20 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

For Perennial Varieties see page 82

HUNNEMANNIA — Giant Tulip Poppy

This is the best Poppy for cutting as it remains in good condition for several days. The plants, which grow about 2 feet high, produce large poppy-like flowers until late in the Autumn.

6046 **Fumariæfolia**. Golden-yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

IPOMÆA — Evening Glory

Popular rapid-growing climbers, remarkable for their showy flowers. They are excellent vines for covering arbors, trellises, etc., their luxuriant foliage combined with their fragrant flowers forming a beautiful dense screen.

6050 **Bona Nox** (Evening Glory). White. Pkt. 10¢; oz. 50¢.

6051 **Coccinea** (Star Ipomœa). Scarlet. Pkt. 5¢; oz. 40¢.

6052 **Heavenly Blue**. Blue. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6053 **Hederacea Superba** (Ivy leaved). Blue. Pkt. 10¢; oz. 50¢.

6054 **Hybrida** (Cardinal Climber). Scarlet. Considered the most beautiful and distinct type of annual climber introduced in many years. Strong and rapid grower, attaining the height of 30 feet or more with attractive foliage covered with a blaze of bright cardinal red flowers. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.00.

6055 **Limbara Elegansissima**. Blue and white. Pkt. 10¢; oz. 50¢.

6056 **Mexicana Grandiflora Alba** (Moon Flower). Large white flowers. Pkt. 10¢; oz. \$1.00.

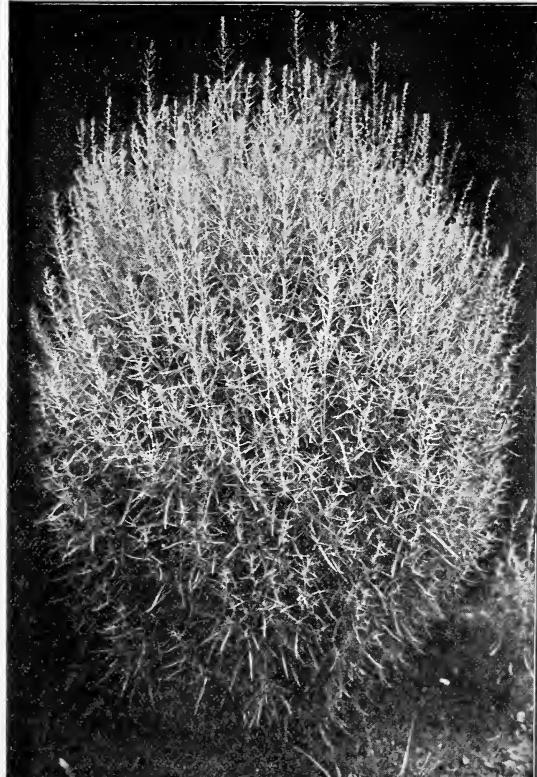
6057 **Noctiflora**. White. Pkt. 10¢; oz. \$1.00.

6058 **Setosa** (Brazilian Morning Glory). Rose-coloured flowers. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

KENILWORTH IVY

A creeping ivy-like plant, which bears small but very pretty blue flowers with yellow throat. Splendid for hanging baskets.

6060 **Linaria Cymbalaria**. Pkt. 15¢.



Kochia Trichophylla, Mexican Firebush

KOCHIA — Mexican Firebush

This interesting variety is a great improvement over any of the Kochias hitherto offered. It is of beautiful form and of graceful appearance, and makes a magnificent plant for grouping, or as a specimen in the border. Its remarkable features are its rapid growth and the beautiful red colouring the foliage takes on in the Autumn.

6062 **Trichophylla**. Bright red. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

LANTANA HYBRIDA

These new hybrids are most elegant and showy — quite a novelty in bedding plants of as easy culture as Verbena or Geraniums. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6064 **Dwarf Compact Hybrids**.

6066 **Tall Mixed**.

LARKSPUR — Annual Delphinium

Fine for cut flowers. The taller sorts are very showy. These can be sown outdoors in April or May, and afterwards transplanted out to about nine inches apart.

BRECK'S GIANT STOCK FLOWERED. This is the finest strain of Larkspur we can procure, exceptionally good for cutting. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6070 **Dark Blue** 6073 **Red**

6071 **Flesh Pink** 6074 **Rose**

6072 **Lilac**

6075 **Rosy Scarlet**. Very striking colour. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

6076 **White**. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6077 **Mixed**. From named sorts. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6079 **Azure Fairy**. Cambridge blue. Pkt. 25¢; $\frac{1}{4}$ oz. 75¢.

6080 **Blue Butterfly**. Lovely Salvia blue, bushy form. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.00.

6081 **Dwarf Double Rocket Mixed**. 1 foot. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

6082 **Tall Double Rocket Mixed**. 2½ feet. Pkt. 10¢; oz. 50¢.

60841 **Collection** (6 distinct colours). Pkt. 50¢.

For Perennial Varieties see page 80

LAVATERA — Mallow

One of the best hardy annuals for cutting, producing freely, large, showy, saucer-shaped, single flowers which last a long time in water.

6085 **Aborea Variegata**. Red. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

6087 **Splendens Rosea**. Rose. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

6089 **Splendens Sunset**. This new variety "Sunset" we claim to be a great advance on any Lavatera yet introduced — the charming brightness of its colour, a very deep rose pink, being most effective. The habit of the plant is also an improvement on any other variety, growing to a height of 2½ to 3 feet, and more compact. Pkt. 25¢; $\frac{1}{4}$ oz. 75¢.

6090 **Trimestris Alba**. White. Pkt. 10¢; oz. 50¢.

6091 **Trimestris Rubra**. Red. Pkt. 10¢; oz. 50¢.

6092 **Trimestris Mixed**. Pkt. 5¢; oz. 50¢.

LAYIA

A California Annual with large yellow flowers edged with white.

6093 **Elegans**. Pkt. 15¢.

LEPTOSYNE

Attractive plants somewhat resembling the Coreopsis, having bright yellow flowers; useful for cutting. 2 feet.

6095 **Maritimæ**. Yellow. Pkt. 15¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

6096 **Stillmanni**. Golden yellow marguerite. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

6098 **Douglasii**. White and yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

LIMNANTHES

Dwarf hardy annual bearing small fragrant yellow and white flowers; splendid for bees. Thrives in damp shady places. 1 foot.

6099 **Marœcana**. White. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6100 **Marœcana Alba**. White. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6101 **Marœcana**. Purple. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6102 **Marœcana Hybrids**. Mixed. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

LINARIA — Toad Flax

Plants having long spikes of Snapdragons-shaped flowers and narrow green leaves. 1 foot.

6103 **Marœcana**. White. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6104 **Marœcana**. Purple. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6105 **Cœruleum**. Blue. Pkt. 10¢; oz. 50¢.

6106 **Luteum**. Yellow. 1½ feet. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6107 **Rubrum** (Scarlet Flax). 1½ feet. Pkt. 5¢; oz. 30¢.

For Perennial Varieties see page 83

LOBELIA

A group of plants valuable for bedding purposes on account of their compact growth and profusion of flowers; they are also useful for pot culture, hanging baskets, etc.; continuous bloomers from June to November.

6110 **Azure Blue.** A very compact variety, sky blue. 6 inches. *Pkt.* 15¢; $\frac{1}{4}$ oz. \$1.25.

6111 **Compacta Blue Wings.** The individual flowers are unusually large, richer in hue than the well-known "Light Blue," while avoiding the extreme darkness which sometimes detracts from the popular "Crystal Palace" variety. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$2.00.

6112 **Crystal Palace Compacta.** Beautiful Victoria Blue. The finest variety for bedding. 4 inches. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$2.00.

6113 **Erecta.** Dark blue, of upright growth. 9 inches. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$1.50.

6114 **Ramosa.** Blue, very useful as pot plants. 12 inches. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$1.50.

6115 **Royal Purple.** A compact variety with deep blue flowers and distinct white eye. 6 inches. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$2.00.

6116 **Tenuoir.** A charming species with cobalt-blue flowers; popular variety for use as a pot or basket plant. 12 inches. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$2.00.

6117 **White Gem.** Pure white. 4 inches. *Pkt.* 15¢; $\frac{1}{4}$ oz. \$1.50.

TRAILING VARIETIES

6118 **Gracilis.** Dark blue, spreading habit and free-flowering, most suitable for vases, hanging baskets, etc. *Pkt.* 10¢; $\frac{1}{4}$ oz. 50¢.

6119 **Hybrida Sapphire.** The result of a cross between *Lobelia Richardsoni* and *Amanda*. The flowers are unusually large, of a deep sapphire blue enhanced by a clearly defined pure white eye, displayed in long graceful sprays. A splendid plant for basket or balcony decorations. *Pkt.* 25¢.

6120 **Speciosa.** Dark blue, spreading habit. *Pkt.* 10¢; $\frac{1}{4}$ oz. 75¢.

For Perennial Varieties see page 83

LUPINUS

Very showy border flowers some of which are useful for cut flowers. Strong and robust plants in every way, especially for shrubberies and borders when their tall graceful spikes show to advantage. They are quite easily raised from seed.

6122 **Breck's Selected Light Pink.** *Pkt.* 15¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6123 **Cruickshankii.** Blue and yellow. *Pkt.* 5¢; oz. 50¢.

6124 **Hartwegii.** Dark blue. *Pkt.* 5¢; oz. 50¢.

6125 **Hartwegii Celestinus.** Delicate blue. *Pkt.* 10¢; $\frac{1}{4}$ oz. 20¢; oz. 60¢.

6126 **Hartwegii Rose.** *Pkt.* 10¢; oz. 50¢.

6127 **Hartwegii White.** *Pkt.* 5¢; oz. 50¢.

6128 **Annual Mixed.** *Pkt.* 5¢; oz. 40¢.

For Perennial Varieties see page 83



African Marigold, Breck's Perfection

MALOPE GRANDIFLORA

Beautiful Annuals, very showy and useful for cutting. They have a beautiful effect sown in masses in the open border. Pkt. 5¢; $\frac{1}{4}$ oz. 20¢; oz. 60¢.

6130 **Crimson**
6131 **Pink**

6132 **White**
6133 **Mixed**

MARIGOLD — Tagetes

For adding shades of yellow to the garden effect in late Summer and Autumn the African and French Marigolds are unsurpassed. They make attractive beds when grown together, the dwarf French sorts being used for edging; both sorts are also very desirable for borders or for brightening up any bare or colourless spots. Sowing should not be made outdoors until danger from frost is past.

DOUBLE AFRICAN VARIETIES

6135 **Breck's Perfection Strain "Sunburst". Lemon yellow.** Clear lemon-yellow flowers of a perfectly globular form, 4 to 5 inches in diameter. 2 feet. *Pkt.* 25¢; $\frac{1}{8}$ oz. 75¢.

6136 **Breck's Perfection Strain "Sunburst". Orange yellow.** Deep orange yellow of perfect form, 5 to 6 inches in diameter. 2 feet. *Pkt.* 25¢; $\frac{1}{8}$ oz. 75¢.

6138 **Dwarf Orange Prince.** We feel that we can confidently predict for this variety a great measure of popular favour. The symmetrical compact plants do not exceed 2 feet in height, bearing from ground to summit large well-formed flowers of glowing orange, quite equal in size, shape and quality to those of the finest tall sorts. *Pkt.* 35¢.

6140 **Scotch Prize. Lemon.** *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6141 **Scotch Prize. Orange.** *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6142 **Scotch Prize. Mixed.** *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

61431 **Collection (6 distinct varieties).** *Pkt.* 50¢.

DOUBLE FRENCH VARIETIES

6144 **Breck's Dwarf Choice Mixed.** *Pkt.* 5¢; oz. 50¢.

6145 **Breck's Tall Choice Mixed.** *Pkt.* 5¢; oz. 60¢.

6146 **Brown. Gold Margin.** *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6147 **Gold Striped.** *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6148 **Yellow-spotted Brown.** *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

61491 **Collection (6 varieties).** *Pkt.* 50¢.

SINGLE VARIETIES

6150 **Breck's Pride of the Garden.** Very free-blooming, dwarf and compact, throwing the flower well to the surface; yellow with maroon blotch. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. 75¢.

6151 **Legion of Honour.** Golden yellow with large brown blotch. *Pkt.* 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

6152 **Signata Pumila.** Miniature flowers of deep yellow, fine for edging. *Pkt.* 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

6153 **Signata Pumila. Golden Ring.** *Pkt.* 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

MARTYNIA

Gloxinia-shaped flowers, sweetly scented. The flowers are followed by curiously formed fruit.

6154 **Fragrana.** Crimson and purple. *Pkt.* 10¢.

MATHIOLA — Evening Scented Stock

A hardy annual having flowers which throw out a strong pleasant perfume in the evening.

6156 **Bicornis.** Light Lilac. *Pkt.* 10¢; $\frac{1}{4}$ oz. 20¢; oz. 60¢.

MATRICARIA — Feverfew

A very pretty plant for the Summer garden, growing into a densely compact bush about 1 foot high. Very profuse bloomer.

6158 **Capensis Plenissima.** Fine double white. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

6159 **Golden Ball.** Suitable for beds or borders with very striking double golden-yellow flowers. 1 foot. *Pkt.* 15¢; $\frac{1}{4}$ oz. \$1.00.

6160 **Silver Ball.** Double white flowers which make a fine contrast with Golden Ball. The flowers remain in perfection for a long time and are excellent for cutting. *Pkt.* 15¢; $\frac{1}{4}$ oz. \$1.00.

MESEMBRYANTHEMUM

Dwarf Annuals well adapted for hot situations; very effective for edging and carpet bedding.

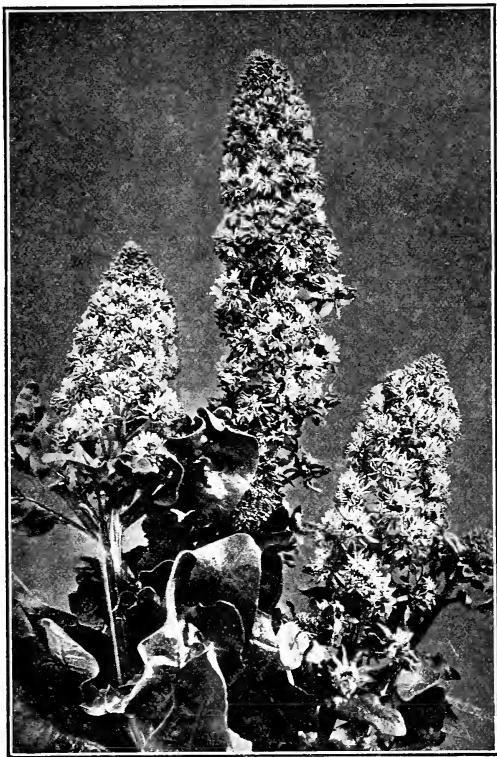
6162 **Cordifolium Variegatum.** Trailing habit of rosy purple. *Pkt.* 25¢.

6163 **Crystallinum (Ice Plant).** White, trailing, has peculiar glistening foliage. *Pkt.* 10¢.

6164 **Tricolor (Dew Plant).** Rose. *Pkt.* 10¢.

6165 **Tricolor Alba.** White. *Pkt.* 10¢.

6166 **Choice Mixed.** *Pkt.* 10¢.



Breck's Colossal Sweet Mignonette
MIGNONETTE

Well known, fragrant favourites, delightful for working into bouquets. For Winter flowering seed should be sown in July or August. All the sorts we offer are very fine, but especial attention is called to Breck's Pride of the Market and Breck's Colossal as being the most desirable for pot culture. A succession of bloom during both Summer and Winter may be had by repeated sowings.

6170 Breck's Pride of the Market. We have secured what we believe is the best strain of forcing Mignonette ever developed. The seed we offer is grown under glass, and will produce enormous spikes of reddish-green, deliciously fragrant flowers. Pkt. 50¢.

6171 Breck's Colossal. Reddish-green. Splendid for forcing. Pkt. 25¢; 1/4 oz. \$1.50.

6172 Breck's Selected Giant Machet. Red. Pkt. 10¢; 1/4 oz. 50¢; oz. \$1.50.

6173 Allan's Defiance. Red. 1 1/2 feet. Pkt. 10¢; 1/4 oz. 30¢; oz. \$1.00.

6174 Bismarck. Machet type, reddish-coloured flowers. Pkt. 15¢; 1/4 oz. 60¢; oz. \$2.00.

6175 Crimson Queen. Red. Pkt. 10¢; 1/4 oz. 30¢; oz. \$1.00.

6176 Golden Machet. Pkt. 10¢; 1/4 oz. 60¢; oz. \$2.00.

6177 Odorata Grandiflora. Old-fashioned sweet scented. 1 foot. Pkt. 5¢; oz. 25¢; 1/4 lb. 75¢.

6178 Parson's White. Pkt. 10¢; 1/4 oz. 50¢; oz. \$1.50.

6179 Yellow Prince. Yellow. Pkt. 10¢; 1/4 oz. 75¢.

MIMOSA — Sensitive Plant.

A tender Annual, the leaves of which have a peculiar habit of closing if touched or shaken. 1 foot.

6180 Pudica. Pink Flowers. Pkt. 10¢; 1/4 oz. 30¢; oz. \$1.00.

MIRABILIS — Marvel of Peru or Four O'Clock

A bushy rapid-growing plant bearing clusters of long tube-shaped flowers which do not open until late in the afternoon. Splendid for beds or borders. 2 feet.

6185 Longiflora Alba. White. Pkt. 10¢; oz. 60¢.

6186 Fine Mixed. Pkt. 5¢; oz. 25¢; 1/4 lb. 60¢; lb. \$2.00.

6187 Tom Thumb Mixed. Compact bedding variety suitable also for pot plants. Pkt. 10¢; oz. \$1.00.

6188 Variegated Leaved. Mixed. Pkt. 10¢; oz. 50¢.

61891 Collection (6 distinct colours). Pkt. 25¢.

MOLUCELLA — Shell Flower

Of very curious form, easily grown and worthy of attention. 1 foot.

6190 Lævis. White and blue. Pkt. 15¢.

MOMORDICA

Handsome climbing vines with inconspicuous flowers, but having large, warty, golden-yellow fruits, which, when ripe, split open and display showy, bright red seeds.

6192 Balsamina (Balsam Apple). Yellow. Pkt. 10¢; 1/4 oz. 30¢; oz. \$1.00.

6193 Charantia. (Balsam Pear). Yellow. Pkt. 10¢; 1/4 oz. 30¢; oz. \$1.00.

NASTURTIUM—Tropæolum

These are among the most popular of hardy Annuals. The Tall varieties are without equal for covering trellises or rockeries. The Dwarf sorts are invaluable for bedding or edgings. For beauty and profusion of bloom they cannot be excelled.

DWARF VARIETIES

6195 Aurora. Yellow-veined. Pkt. 5¢; oz. 20¢; 1/4 lb. 65¢.

6196 Beauty. Yellow and scarlet. Pkt. 5¢; oz. 20¢; 1/4 lb. 65¢.

6197 Black (King Theodore). Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢.

6198 Bronze. Pkt. 5¢; oz. 20¢; 1/4 lb. 65¢.

6199 Cœruleum Roseum. Peach. Pkt. 5¢; oz. 20¢; 1/4 lb. 65¢.

6200 Crimson. Pkt. 5¢; oz. 20¢; 1/4 lb. 65¢.

6201 Crystal Palace Gem. Spotted. Pkt. 5¢; oz. 20¢; 1/4 lb. 65¢.

6202 Cloth of Gold. Yellow. Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢.

6203 Empress of India. Dark-leaved Crimson. Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢.

6204 Golden King. Yellow. Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢.

6205 King of Tom Thumbs. Red. Pkt. 5¢; oz. 20¢; 1/4 lb. 65¢.

6206 Lady Bird (Bird Flower). Orangered. Pkt. 5¢; oz. 20¢; 1/4 lb. 65¢.

6207 Pearl. White. Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢.



Nasturtiums, Tall Rainbow Mixed

6208 **Ruby King.** Carmine. *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6209 **Rose.** *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6210 **Scarlet.** *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6211 **Spotted.** *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6212 **Yellow.** *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6213 **Breck's Dwarf Rainbow Mixed.** From named sorts. *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 50¢; lb. \$2.00.*
 62141 **Collection (12 colours).** *Pkt. 50¢.*

TALL or CLIMBING VARIETIES

6215 **Atropurpureum.** Dark crimson. *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6216 **Coccineum.** Scarlet. *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6217 **Cœruleum Roseum.** Dark rose. *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6218 **Dunnett's Orange.** *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6219 **Edward Otto.** Lilac. *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6220 **Heinemanni.** Chocolate. *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6221 **Hemisphericum.** Orange. *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6222 **King Theodore.** Maroon. *Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.*
 6223 **Luteum.** Yellow. *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6224 **Moonlight.** Pale straw. *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6225 **Regelianum.** Violet. *Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.*
 6226 **Scheuermannii.** Sulphur. *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6227 **Scheuermannii Coccineum.** Yellow-striped. *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6228 **Sunlight.** Golden-yellow. *Pkt. 10¢; oz. 25¢; $\frac{1}{4}$ lb. 75¢.*
 6229 **Vesuvius.** Salmon, dark leaved. *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 65¢.*
 6230 **Breck's Tall Rainbow Mixed.** From named sorts. *Pkt. 5¢; oz. 20¢; $\frac{1}{4}$ lb. 50¢; lb. \$2.00.*
 62341 **Collection (12 colours).** *Pkt. 50¢.*

LOBB'S NASTURTIUMS. These are more delicate, smaller in flower and foliage than the others. Excellent for conservatories, hanging baskets, window boxes and house cultivation during Winter. *Pkt. 10¢; oz. 40¢.*

6235 **Asa Gray.** Pale yellow.
 6236 **Black Prince.** Dark Purple.
 6237 **Brilliant.** Scarlet.
 6238 **Firefly.** Yellow spotted red.
 6239 **Giant of Battles.** Amber yellow, spotted red.
 6240 **Ivy Leaved.** Scarlet.
 6241 **Lucifer.** Dark crimson.
 6242 **Napoleon III.** Golden-yellow, spotted.
 6243 **Princess Louise.** Cream-white, spotted.
 6244 **Regina.** Light salmon.
 6245 **Rudolph Virchow.** Ruby-red.
 6246 **Yellow.**
 6247 **Mixed.**
 62491 **Collection (12 colours).** *Pkt. \$1.00.*

NEMESIA

This charming little plant is undoubtedly one of the most beautiful Annuals that has been introduced in cultivation for some years past. There is a great variety in the colours, this being one of the most interesting features of the plant. *Pkt. 25¢.*

6250 **Grandiflora Crimson.** 18 inches.
 6251 **Grandiflora Orange.** 18 inches.
 6252 **Grandiflora Primrose.** 18 inches.
 6253 **Grandiflora Scarlet.** 18 inches.
 6254 **Grandiflora Spotted.** 18 inches.
 6255 **Dwarf Compact Blue Gem.** 12 inches.
 6257 **Dwarf Compact Fire King.** 12 inches.
 6258 **Dwarf Compact Golden-Yellow.** 12 inches.
 6259 **Dwarf Compact Orange King.** 12 inches.
 6260 **Dwarf Compact White Gem.** 12 inches.
 6262 **Strumosa Suttonii.** A special selection of great beauty, the plants forming dense bushes completely smothered with flowers, so as almost to hide the foliage. The colours are pretty and varied. *Pkt. 15¢; 16 oz. \$1.00.*

NEMOPHILA

Beautiful hardy Annuals producing an abundance of bright bell-shaped flowers all Summer. They grow best in moist, partly shaded situations. *Pkt. 5¢; oz. 50¢.*

6265 **Insignis.** Blue. *6266 Mixed.*



Nicotiana Affinis

NICOTIANA — Tobacco Plant

Free-blooming plants producing clusters of brilliantly coloured fragrant tube-shaped flowers. Half-hardy Annuals.

6270 **Affinis.** Pure white sweet-scented. 3 feet. *Pkt. 5¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.*
 6271 **Affinis Hybrids.** Beautiful bright coloured flowers sweet-scented. *Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.*
 6272 **Sanderæ.** Carmine red. 3 feet. *Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.*
 6273 **Sanderæ Hybrids.** Finest mixture of all colours. *Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.*
 6274 **Sylvestris.** Long white tubular flowers, very fragrant. *Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.*

NIEREMBERGIA — Cup Flower

A handsome plant with showy bell-shaped flowers; useful as a pot plant or in the open border.

6276 **Frutescens.** White and lilac. *Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.*
 6277 **Gracilis.** White shaded lavender. *Pkt. 10¢; $\frac{1}{4}$ oz. 75¢.*

NIGELLA — Love-in-a-Mist

An interesting Annual with curious double flowers nestling in its feathery, bright green foliage.

6280 **Damascena.** Single light blue. *Pkt. 10¢; oz. 50¢.*
 6281 **Miss Jekyll Blue.** *Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.*
 6282 **Miss Jekyll White.** *Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.*
 6283 **Mixed.** *Pkt. 5¢; oz. 50¢.*

ENOTHERA — Evening Primrose

An attractive family worthy of more general cultivation. Splendid large flowering plants, free blooming.

6285 **Bistorta Veitchiana.** Very dwarf bright yellow. *Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.*
 6286 **Rosea Mexicana.** Rose. $\frac{3}{4}$ foot. *Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.*
 6287 **Taraxacifolia Alba.** Large white flowers trailing habit. *Pkt. 10¢; $\frac{1}{4}$ oz. 60¢.*
 6288 **Annual Varieties Mixed.** *Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.*

For Perennial Varieties see page 84

OXALIS

Splendid class of plants with brilliant coloured flowers, and dark foliage, suitable for rock-work, hanging baskets, vases, etc.

6290 **Tropæoloïdes.** Yellow. *Pkt. 15¢.*

You are sure to need a Trellis

We make them to order and we also carry many patterns in stock. We can furnish anything you need. See Index.



Pansies, Breck's Boston Prize Mixed

PANSIES

Many years of scientific culture, hybridization and selection in raising Pansies have gradually evolved a superior race of luxuriant, robust growth, and deep-rooting, drought-resisting qualities. The flowers have also correspondingly improved in size, substance, form, and variety of colours. The varieties we offer are of the Giant Type, many wonderfully marked and blotched, and all of the most brilliant and attractive colourings.

6295 Breck's Boston Prize Mixed. A distinct type of Pansies of greatest merit. The plants are of compact bushy form. They root unusually deep and in consequence are not susceptible to drought and heat. The flower stems are particularly strong and rigid, holding the flowers upright. Flowers are giant in size and show a profusion of colours. Pkt. 25¢; $\frac{1}{8}$ oz. \$2.00; oz. \$10.00.

6297 Breck's Giant Matchless. An excellent exhibition strain. Flowers are very large, of great substance with a wide range of the richest colours. A variety unsurpassed for frame culture and does equally as well out doors. Pkt. \$1.00; $\frac{1}{8}$ oz. \$3.50.

6299 Breck's International Prize Mixed. A splendid mixture for the florist or amateur gardener. Embraces all the countless colours and markings. Pkt. 15¢; $\frac{1}{4}$ oz. \$2.00; oz. \$7.00.

6300 Bugnot's Private Strain Mixed. An excellent strain of fancy Pansies, large and of fine substance. Pkt. 25¢; $\frac{1}{4}$ oz. \$2.50; oz. \$8.00.

6301 Bugnot's Blotched Mixed. Very fine colours and large flowers. Pkt. 25¢; $\frac{1}{4}$ oz. \$2.00; oz. \$7.00.

6302 English Fancy Show Mixed. Extra fine strain, splendid variety of colours with good form. Pkt. 50¢; $\frac{1}{4}$ oz. \$3.50.

6303 Madame Perret. Red and wine shades. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.50; oz. \$5.00.

6304 Masterpiece. Enormous flowers undulated or curled, fine rich colours. Pkt. 25¢; $\frac{1}{4}$ oz. \$2.00; oz. \$7.00.

6305 Scotch Prize Mixed. A splendid mixture of new shades saved from the finest collection in Scotland. Pkt. 50¢; $\frac{1}{4}$ oz. \$3.50.

6306 Triumph of the Giants. Plants of robust growth with very large flowers, mostly curled, rich variety of colours. Pkt. 25¢; $\frac{1}{4}$ oz. \$2.00.

TRIMARDEAU or GIANT FLOWERING. A most popular strain on account of the strong, sturdy plants and enormous flowers. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.25.

6310 Atropupurea. Purple.

6311 Azure Blue.

6312 Bronze.

6313 Brown.

6314 Cardinal. Red.

6315 Cornflower Blue. Blue.

6316 Fire King. Yellow and crimson.

6317 Golden-Yellow. Pure yellow.

6318 Golden Five-Spotted. Variegated. Pkt. 25¢; $\frac{1}{4}$ oz. \$2.00.

6319 King of Blacks.

6320 Lord Beaconsfield. Violet shading to white.

6321 Mahogany Colour.

6322 Pure White.

6323 Red and Brown Shades.

6324 Striped.

6325 Violet Blue.

6326 White, with dark eye.

6327 Yellow, with black eye.

6328 Trimardeau Mixed. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.25; oz. \$4.00.

6329 Collection (6 colours). Pkt. 50¢.

6329 Collection (12 colours). Pkt. \$1.00.

EARLY GIANT FLOWERING (World's Record). These new Pansies we consider the finest strain yet offered. Sown at the same time as other Pansies, they begin to flower five weeks earlier. They are extremely hardy. The blooms are of the finest form and attain a wonderful size and brilliancy of colour. Pkt. 25¢; $\frac{1}{4}$ oz. \$2.50.

6330 Ice King. Silver-white, dark blue eye.

6332 Celestial Queen. True heavenly blue.

6334 March Beauty. Velvety blue.

6336 Winter Sun. Golden-yellow, dark eye.

6338 World's Record, choice mixture.

TUFTED PANSIES (*Viola Cornuta*). Elegant free-blooming plants, exceptionally good for shady beds or borders.

6340 Admiration. Dark blue. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.50.

6341 Lutea Splendens. Golden-yellow. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.25.

6342 Perfection. Light blue. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.50.

6343 Mauve Queen. Mauve. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.25.

6344 Papilio. Large-flowered very fine and free-blooming deep violet. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.50.

6345 White Perfection. Pure white. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.25.

6346 Cholæe Mixed. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.00.

Pansy Plants are listed on pages 106 and 116

PENTSTEMON

Beautiful plants with broad green foliage and spikes of long, tubular flowers. Plants bloom from seed the first year if sown indoors in March. 2 feet.

6350 Gentianoides Mixed. The colourings and markings are wonderful. Pkt. 20¢.

6352 Grandiflora Newest Hybrids. The best strain for cutting. Pkt. 50¢.

For Perennial Varieties, see page 84

PERILLA

Ornamental Annuals with dark purple leaves resembling those of Coleus; useful for beds and borders.

6355 Nankinensis. Purple-bronze foliage. Pkt. 10¢; oz. 50¢.

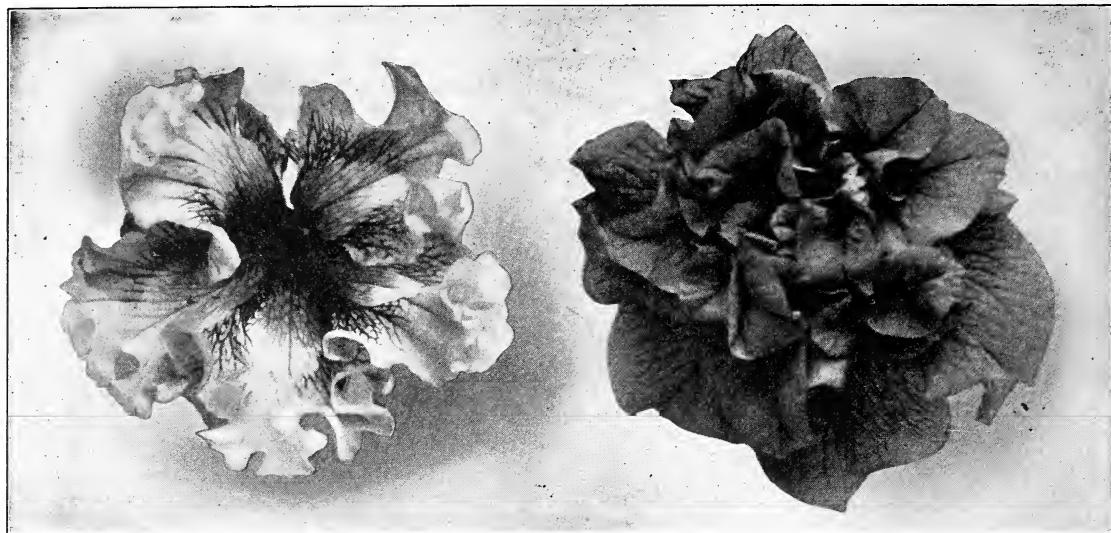
Breck's Rams Head

BRAND

Pulverized Sheep Manure

For Seed Beds • For all kinds of Flower Beds • For Window Boxes and House Plants

Per 5 lb. box, 35¢; per 100 lb. bag, \$3.00; per ton, \$50.00.



Single Petunia, Breck's Ruffled Giants

PETUNIA

Free-flowering, sweet-scented and easily cultivated. They are well-known favourites, effective and beautiful in borders, beds, vases, etc. They thrive in almost any soil and produce a brilliant array of colour throughout a long season. We call special attention to the collections offered. The seed is all saved from selected pot-grown plants.

SINGLE LARGE-FLOWERING PETUNIAS

6360 Breck's New Giant Exhibition Strain. The quality of this strain is unrivalled, the flowers being gigantic in size, beautiful in shape, deep-throated, and of various and brilliant colours. Pkt. 75¢.

6361 Breck's Ruffled Giants. A splendid selection of single fringed Petunias, flowers of extraordinary size and substance. Pkt. 50¢.

6362 Breck's Velvetty Violet Blue (True). This is a great acquisition to the Petunia family and should be grown by all lovers of flowers. It is extensively used for window boxes. This seed is especially grown for us and is true to name and colour. Pkt. 50¢.

6363 Giants of California. Flowers very large, in superb colours with deep yellow throat. Pkt. 25¢.

6364 Hybrida Superbissima Nana. Flowers large and substantial, wonderfully rich and varied colourings. About 15 inches high in a compact form. Pkt. 25¢.

6365 Superbissima, Choicest Mixed. Very large flowers beautifully veined in the throats. Pkt. 25¢.

63671 Collection (6 varieties Large-Flowered Single). Pkt. 60¢.

DOUBLE LARGE-FLOWERED PETUNIAS

6368 Breck's Double Prize Mixed. A magnificent strain. Will produce a large percentage of double flowers of the largest fringed varieties in many colours and tints. Pkt. 75¢.

6370 Choice Double Mixed. An exceptionally fine strain, remarkable for the large, beautifully coloured double flowers of finest texture. Pkt. 25¢.

63711 Collection (6 varieties Large-Flowered Double). Pkt. \$1.00.

SINGLE LARGE-FLOWERED BEDDING PETUNIAS

6372 Alba. Pure White. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

6373 Erskine Park Belle. This is a remarkably pretty Petunia. Colour, deep rose-pink. Large flowers slightly frilled. An excellent variety for bedding or borders. It will blossom the whole Summer if seed pods be removed. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.50.

6374 Howard's Star. Rich crimson with a distinct white star in centre. Pkt. 15¢; $\frac{1}{4}$ oz. 60¢; oz. \$1.50.

6375 Kermesina. Crimson. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

6376 Pink. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.00.

6377 Rosy Morn. Light Pink with white throat, makes a very dainty and effective border. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.25; oz. \$4.00.

Double Petunia, Breck's Prize

6378 Snowball. A dwarf compact variety, producing satin white flowers. Pkt. 10¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

6379 Striped and Blotched. The flowers are beautifully striped and blotched. The plants are dwarf. Fine for massing. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

6380 Choice Single Mixed. A good mixture for bedding, baskets, vases, etc. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

BALCONY PETUNIA. A variety first introduced in Europe a few years ago. The plants are dwarf and compact, and grow from 9 to 12 inches in height. During the Summer the plants are a mass of single flowers, and continue to bloom until frost. For window, balcony, or porch boxes the Balcony Petunia is of unusual and outstanding merit. Pkt. 25¢; $\frac{1}{8}$ oz. \$2.00.

6382 Blue. Rich deep blue.

6384 Dark Red. Rich crimson.

6386 Pure White. Satiny white.

6388 Rose. Rich bright rose.

6389 Choice Mixed.

PHACELIA

An early-flowering hardy Annual with pretty blue flowers.

6390 Campanularia. Blue. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

PHLOX

DRUMMONDII. An extremely beautiful class of plants producing an abundance of bloom throughout the Summer. The flowers which are borne in immense trusses, are found in a variety of beautiful colours. Hardy Annuals. Pkt. 10¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

6395 Blood Red (Black Warrior) 6400 Pure White

6396 Blush Pink 6401 Scarlet

6397 Dark Scarlet, white eye. 6402 Striped

6398 Pink 6403 White, purple eye.

6399 Purple 6404 Yellow

6405 Breck's Prize Strain. Mixed from the most beautiful and brilliant colours. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

64091 Collection (6 distinct colours). Pkt. 50¢.

NANA COMPACTA. A valuable class of dwarf compact Phlox of many colours and very suitable for bedding or pot culture. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.50.

6410 Apricot 6415 Salmon

6411 Carmine 6416 Scarlet

6412 Chamoise Rose 6417 White

6413 Crimson 6418 Yellow

6414 Dark Blue 6419 Choicest Mixed

6420 Cuspidata (Star Phlox). Finest mixed, star-shaped flowers with pointed petals. Pkt. 10¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

For Perennial Varieties see page 84

PHYSALIS — Chinese Lantern

An interesting plant, grown for its bright orange-red fruit. 2 feet.

6425 Franchetti. Pkt. 10¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.



Poppy, Boston Peerless Mixture

POPPY—Papaver

Our new strains of Poppies produce softer and more pleasing shades than we have offered hitherto. Sowing in May, and again several times during Spring, produces continuous bloom from early Summer until frost. The seed should be sown where the plants are to bloom, as Poppies do not take kindly to transplanting. Cover seed very lightly, and firm the soil with a flat board. When large enough thin out the plants. A sandy loam and early Spring sowings produce best flowers.

SINGLE ANNUAL VARIETIES

6430 Breck's Selected Shirley Mixed. An extra choice strain of these charming Poppies. We pay special attention to the selection of colours which contain pure white, pink, terra-cotta, salmon, chamois, rosy carmine to deepest crimson, and rosy red. Many of the flowers are beautifully flaked or edged with white. 1½ feet. Pkt. 5¢; oz. 50¢; ¼ lb. \$1.50.

6432 Breck's Dwarf Shirley Mixed. 1 foot. Pkt. 10¢; oz. \$1.00; ¼ lb. \$3.00.

6434 Danebrog (Danish Flag). Single scarlet flowers with a large white blotch on each petal. 2 feet. Pkt. 5¢; oz. 35¢; ¼ lb. \$1.00.

6436 English Scarlet Field Poppy. This single Poppy is so much admired by tourists in Europe where it grows wild on railroad banks and in the fields. Pkt. 10¢; oz. \$1.00; ¼ lb. \$3.00.

6438 Flanders Field. Our original stock having been saved in the fields of Flanders will prove true. For a colour effect there is nothing quite so brilliant as a bed of these crimson Poppies. Pkt. 15¢; oz. \$1.00.

6440 Glauicum (*Tulip Poppy*). Dazzling scarlet. 1 foot. Pkt. 5¢; oz. 50¢.

6442 Maid of the Mist. Beautiful single fringed, white. 2 feet. Pkt. 5¢; oz. 50¢.

6444 Mephisto. Scarlet with black spots. 2 feet. Pkt. 5¢; oz. 40¢.

6446 Miss Sherwood. Satiny white, shading to bright rose. 2½ feet. Pkt. 10¢; oz. 75¢.

6448 Pavoninum (*Peacock Poppy*). Scarlet with black zone. Pkt. 10¢; oz. \$1.00.

6450 Picotee. Beautiful white, with well defined crimson edge. Pkt. 15¢; oz. \$1.00.

6452 Umbrosum (*Caucasian Poppy*). Crimson with a black spot on each petal. 1½ feet. Pkt. 10¢; oz. \$1.00.

DOUBLE ANNUAL VARIETIES

6455 Eldorado Double Shirley. A new creation in annual Poppies. A marvel of beauty throughout the Summer; flowers are double and semi-double. This strain includes an almost endless variety of colours. They should be sown as early in the Spring as one can work the ground. Pkt. 25¢; oz. \$2.00.

6457 Cardinale. Double Scarlet. A splendid dwarf variety which has large globular flowers of an intense scarlet red. 1½ feet. Pkt. 10¢; oz. 60¢.

6460 Carnation-Flowered. The flowers of this variety are large and finely fringed. Mixed. 2 feet. Pkt. 5¢; oz. 50¢.

6464 May Campbell. White. 1½ feet. Pkt. 10¢; oz. 60¢.

6466 Mikado (*Striped Japanese Poppy*). Scarlet and white. This magnificent Poppy is like a Japanese Chrysanthemum.

The flowers are brilliant scarlet and white with elegant curved petals. 1 foot. Pkt. 10¢; oz. 75¢.

6468 Paeony-Flowered. Immense, showy, double globular flowers resembling a double Paeony. 1½ feet. Pkt. 5¢; oz. 40¢.

6470 Ranunculus-Flowered Mixed. A beautiful race of Poppies with bright, double flowers having paper-like petals. 2 feet. Pkt. 10¢; oz. 60¢.

6472 White Swan. Pure white, beautifully fringed. 2 feet. Pkt. 10¢; oz. 50¢.

6474 Boston Peerless. Double and single mixed. A wonderful variety of brilliant dazzling colours. 2 feet. Pkt. 10¢; oz. 50¢; ¼ lb. \$1.50.

64791 Collection Carnation-Flowered (6 colours). Pkt. 35¢.

64792 Collection, Paeony-Flowered (6 colours). Pkt. 35¢.

64793 Collection, Single-Flowered Shirley (12 colours). Pkt. 75¢.

For Perennial Varieties see page 84

PORTULACA—Sun Plant

GRANDIFLORA. Beautiful little plants which will bloom profusely all Summer. Their richly coloured flowers make an effective and brilliant display when planted in large beds and masses. Hardy Annual. ½ foot. Pkt. 10¢; ¼ oz. 50¢; oz. \$1.50.

6480 Single Crimson 6483 Single Striped

6481 Single Pink 6484 Single White

6482 Single Scarlet 6485 Single Yellow

6486 Single Mixed. Pkt. 5¢; ¼ oz. 50¢; oz. \$1.50.

64891 Collection Single (6 colours). Pkt. 50¢.

6490 Double Mixed. Producing a large percentage of double flowers. Pkt. 15¢; ¼ oz. \$1.25; oz. \$4.00.

64941 Collection Double (6 colours). Pkt. 75¢.

PYRETHRUM AUREUM

The following foliage varieties are suitable for carpet bedding.

6495 Golden Feather. Golden-yellow foliage, valuable for Summer bedding. Pkt. 10¢; ¼ oz. 50¢; oz. \$1.50.

6496 Golden Gem. Compact growing. Pkt. 10¢; ¼ oz. 50¢; oz. \$1.50.

6497 Selaginoides. Yellow foliage. Pkt. 10¢; ¼ oz. \$1.00.

For Perennial Varieties see page 85

RHODANTHE—Everlasting

Neat, slender plants bearing graceful, nodding heads of everlasting flowers. Hardy Annual. 1½ feet. Pkt. 10¢; ¼ oz. 50¢; oz. \$1.50.

6500 Maculata. Rose and crimson. 6502 Manglesii. Rose

6501 Maculata Alba. White. 6503 Mixed.

RICINUS—Castor Oil Plant

Rather coarse, tender plants of remarkably rapid growth, attaining a height of from 5 to 15 feet. The stems and enormous palm-like leaves are of beautiful and varied colours. Much used in sub-tropical gardens and as a background for other plants. Half-hardy annual.

6506 Borboniensis. Large dark green foliage. 15 feet. Pkt. 10¢; oz. 35¢; ¼ lb. \$1.00.

6507 Cambodgensis. Best dark-leaved sort. 6 feet. Pkt. 10¢; oz. 35¢; ¼ lb. \$1.00.

6508 Gibsoni. Very dark purple stems and foliage. 8 feet. Pkt. 10¢; oz. 50¢; ¼ lb. \$1.50.

6509 Philippinensis. Purple foliage. 6 feet. Pkt. 10¢; oz. 50¢; ¼ lb. \$1.50.

6510 Sanguineus. Red foliage. 7 feet. Pkt. 5¢; oz. 25¢; ¼ lb. 75¢.

6511 Zanzibariensis Maculatus. Bronze changing to dark red. 10 feet. Pkt. 10¢; oz. 35¢; ¼ lb. \$1.00.

6512 Zanzibariensis Mixed. A distinct species from East Africa, growing to a large size, and varying in colour from pale green to brownish purple. Pkt. 10¢; oz. 25¢; ¼ lb. 75¢.

6513 Choice Mixed. Bright coloured varieties. Pkt. 5¢; oz. 15¢; ¼ lb. 50¢.

RUDBECKIA

Free-flowering plants with large showy flowers, growing well in almost any soil or situation; good for cutting.

6515 *Amplexicaulis*. Pure yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.
 6516 *Bicolor Superba*. Yellow with purple markings. 2 feet.
 Pkt. 10¢; $\frac{1}{4}$ oz. 25¢.

For Perennial Varieties see page 85



SALPIGLOSSIS

A beautiful garden Annual. The magnificent flowers, large and funnel-shaped, present an extremely pleasing variety of colours in mottled, veined and self-coloured forms.

Breck's Choice Strain. This we believe to be the finest strain yet produced; very large flowers. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

6520 *Alba Lutea*. White, gold veined
 6528 *Rose and Gold*
 6530 *Scarlet and Gold*
 6522 *Crimson*
 6532 *Violet and Gold*
 6524 *Primrose*
 6534 *Violet. Soft velvety violet*
 6526 *Purple and Gold*
 6536 *Breck's Named Varieties Mixed*
 6538 *Dwarf Mixed*. Pkt. 15¢; $\frac{1}{4}$ oz. 75¢.
 6540 *Emperor Choice Mixed*. Pkt. 15¢; $\frac{1}{4}$ oz. 75¢.
 ★6541 *Collection* (6 distinct colours). Pkt. 75¢.

SALVIA — Sage

These popular plants produce brilliant flowers in the garden during the late Summer and Autumn. Sow the seed early indoors, or in a frame, in time to get good plants to set outdoors the latter part of May.

★6546 *America*. Fine spikes of dazzling brilliant scarlet flowers, one of the best bedding varieties. Pkt. 35¢.

6548 *Blue Beard*. Bright purple, a splendid variety for bedding. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢.

6550 *Farinacea*. Brilliant light blue. Pkt. 15¢; $\frac{1}{8}$ oz. 60¢.

★6552 *Patens*. Splendid type with intense bright blue flowers. 2 feet. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.50.

6554 *Splendens*. Elegant tall-growing variety with immense flower spikes of dazzling scarlet. 3 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

6556 *Splendens Bonfire*. Extremely handsome and effective variety producing large spikes of bright scarlet flowers. 2 feet. Pkt. 20¢; $\frac{1}{4}$ oz. \$1.25; oz. \$4.00.

6558 *Splendens Triumph*. Robust early-flowering sort with scarlet flowers. 2 feet. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00; oz. \$3.00.

6560 *Zurich*. A splendid dwarf variety producing an abundance of long brilliant scarlet flower spikes throughout the Summer. 1 foot. Pkt. 25¢; $\frac{1}{8}$ oz. 75¢.

For Perennial Varieties see page 85



Salvia Splendens Bonfire

SANVITALIA

A pretty dwarf Annual with yellow flowers, suitable for beds and rock-work.

6565 *Procumbens Fl. Pl. Yellow*. $\frac{1}{2}$ foot. Pkt. 15¢; $\frac{1}{4}$ oz. 75¢.

SAPONARIA

Charming little plants producing numerous showy flowers all the season. Fine for beds and ribbon borders. Hardy Annual. 1 foot.

6570 *Calabrica Alba*. White. Pkt. 5¢; oz. 50¢.

6571 *Calabrica Pink*. Pkt. 5¢; oz. 50¢.

6572 *Calabrica Mixed*. Pkt. 5¢; oz. 50¢.

6573 *Vaccaria*. Pale rose, tall and feathery. Makes a striking cut flower. Pkt. 10¢; oz. 50¢.

6574 *Vaccaria Alba*. White. Pkt. 10¢; oz. 50¢.



Scabiosa, Breck's Special Mixture

SCABIOSA—Mourning Bride

Throughout the season these beautiful plants produce large double flowers on long slender stems. Splendid for decorative purposes.

Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.
 6580 Breck's Special Mixture.
 6582 Cherry Red.
 6584 Flesh Pink.
 6586 King of the Blacks.
 6588 Lavender (*Azure Fairy*). Rich pale blue.
 6590 Pompadour. Claret edged with white.
 6592 Purple.
 6594 Rose.
 6596 White.
 6598 Yellow.
 6600 Tall Double Mixed. Pkt. 5¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.
 6602 Dwarf Mixed. Pkt. 5¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.
 6604 Dwarf White Victoria.
 6606 Dwarf Yellow.
 66091 Collection (6 distinct colours). Pkt. 50¢.
 For Perennial Varieties see page 85

SCHIZANTHUS—Butterfly Flower

Dainty, erect, hardy Annual plants with finely cut leaves and showy butterfly-like flowers; valuable for pot culture and for bedding.

6610 Bridal Veil. A pure white form of Wisetonensis. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.00.
 6612 Chislehurst Giant Hybrids. New large-flowered strain embracing many exquisite violet and purple shades. Pkt. 50¢; $\frac{1}{8}$ oz. \$2.50.
 6614 Excelsior Hybrids. A mammoth-flowered strain of Wisetonensis with markings and colourings such as are found in fancy Pelargoniums. The flowers have white, buff, or rose ground colours. Unsurpassed for Winter greenhouse culture. Pkt. 50¢; $\frac{1}{8}$ oz. \$1.50.
 6616 Grandiflorus Mixed. A very fine strain of this showy Annual plant grows 1 foot in height, compact pyramidal habit, colours bright and showy. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.
 6618 Retusus. Scarlet and orange. Pkt. 10¢; $\frac{1}{4}$ oz. 75¢.
 6620 Retusus Albus. White with yellow blotch on lip. Pkt. 10¢; $\frac{1}{4}$ oz. 75¢.
 6622 Retusus Pink Beauty. Exquisite shade of rose; fine for cutting or groupings. Pkt. 35¢.
 6624 Wisetonensis Hybrids. A splendid plant for the house or greenhouse. A specimen in full bloom is a most exquisite picture. The colours range from soft pink to dark brown. Pkt. 25¢; $\frac{1}{8}$ oz. \$2.00.

SCHIZOPETALON

Beautiful fringed flowers, with a delicious almond perfume.

6630 Walkeri. Pure White. $\frac{3}{4}$ foot. Pkt. 15¢.

SEDMUM—Stonecrop

Dwarf-growing Annual or biennial plants with fleshy leaves, bearing clusters of small flowers. Much used for carpet-bedding, edging and rock-work.

6635 Coeruleum. Blue. Pkt. 10¢.
 SILENE—Catchfly
 Attractive Annuals, producing numerous heads of bright coloured flowers, useful for cutting.
 6640 Armeria Mixed. 2 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 20¢; oz. 60¢.
 6641 Pendula Rosea. Rose. 1 foot. Pkt. 10¢; $\frac{1}{4}$ oz. 20¢; oz. 60¢.
 6642 Pendula Double Rose. $\frac{1}{2}$ foot. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.
 6643 Pendula Double White. $\frac{1}{2}$ foot. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.
 6644 Pendula Double Mixed. $\frac{1}{2}$ foot. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

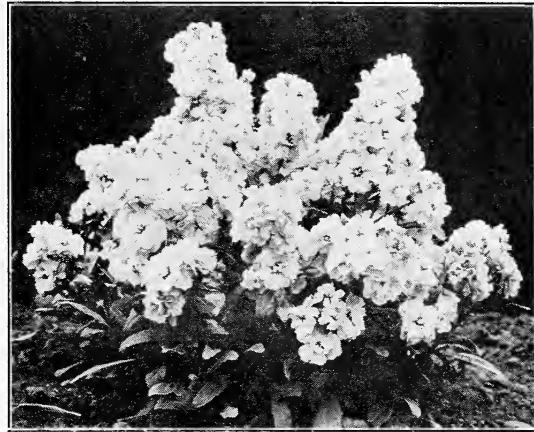
STATICE—Sea Lavender

Handsome plants producing panicles of pretty little flowers all Summer. Very good in borders and rock-work.

6650 Sinuata Blue. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.
 6652 Sinuata Rose. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢.
 6654 Sinuata White. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.
 6656 Suworowii. Fine species producing numerous flower spikes of rosy carmine. Pkt. 25¢.
 6658 Annual Varieties Mixed. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.
 For Perennial Varieties see page 85

Window Boxes

Made to order and also carried in stock. Tell us your needs and let us supply them.



Stocks, Breck's Perfection

STOCKS—Gilliflower

Stocks are universally admired and have for long occupied a prominent position in almost every garden. For beauty, dazzling effect, and long continuance of bloom, they are unsurpassed, while their delightful fragrance renders them indispensable for bouquets, vases, etc. The seed we offer was saved from selected plants only.

Note: The parent stock strains of our Perfection and Ten Weeks Stocks were awarded "Five Awards of Merit" and two "Highly Commended" at the trial of Stocks conducted by the Royal Horticultural Society of Great Britain in 1922.

BRECK'S PERFECTION CUT-AND-COME-AGAIN. An extremely beautiful strain of Stock, producing immense spikes of flowers in great profusion from mid-summer until frost. The flowers are unusually large and embrace a wide range of most beautiful and varied colours. 2 feet. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.50.

6660 Blood Red	6674 Rosy Pink
6662 Canary Yellow	6676 Rosy Mauve
6666 Dark Violet	6678 Scarlet
6668 Flesh Pink	6680 White
6670 Lilac	6682 Mixed
6672 Light Blue	

66841 Collection (of 6 varieties), 75¢.

66842 Collection (of 12 varieties) \$1.00.

BRECK'S LARGE-FLOWERING TEN WEEKS. A splendid early-blooming variety extensively used for pot culture and Summer bedding. 1 foot. Pkt. 10¢; $\frac{1}{8}$ oz. \$1.00.

6685 Brilliant Rose.	6693 Dark Purple.
6687 Canary Yellow.	6695 Deep Red.
6689 Crimson.	6697 Light Blue.
6691 Dark Blue.	6699 Light Rose.

6701 Scarlet.

6703 White. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.50.

6705 Snowdrift. This blooms much earlier than the other varieties, producing many side stems, each thickly set with snowy white blossoms. Good for bedding and cutting. Pkt. 35¢; $\frac{1}{8}$ oz. \$2.50.

6707 Mixed. Pkt. 10¢; $\frac{1}{8}$ oz. \$1.00.

67091 Collection (6 distinct colours). Pkt. 75¢.

67092 Collection (12 distinct colours). Pkt. \$1.00.

BRECK'S IMPERIAL. This excellent class of Ten-weeks Stocks has proved a great favorite being extremely early, showing unusually large, pyramidal, and very double flower heads. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.25.

6710 Dark Blue.	6713 Rose.
6711 Light Blue.	6714 Yellow.
6712 Pure White.	6715 Mixed.

GIANTS OF NICE. A new French class equally good for Summer or Winter flowering. From sowing made in Spring the blooms appear in nine or ten weeks, and when sown in February or March can be had in flower in June. The flowering season of these Stocks is unusually long. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.00.

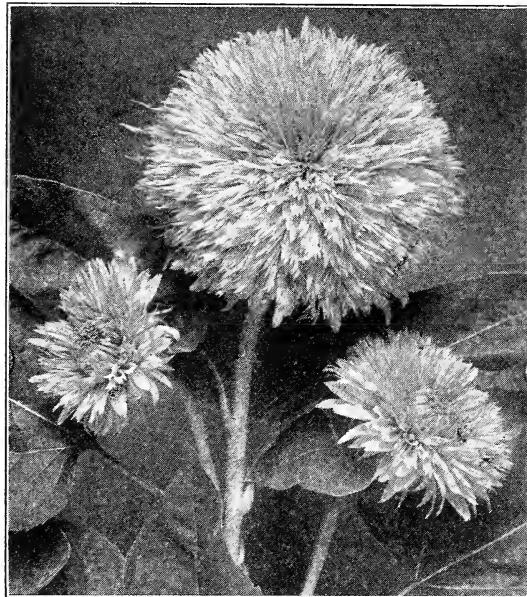
6720 Almond Blossom. White shaded carmine.

6722 Abundance. Rich carmine rose.

6724 Beauty of Nice. Delicate flesh pink.
 6726 Mont Blanc. A magnificent white.
 6728 Monte Carlo. Improved Canary Yellow.
 6730 Queen Alexandra. Beautiful rose lilac.
 6732 Rose of Nice. Old rose.
 6734 Souvenir de Monaco. Rich crimson.
 6736 Summer Night. A fine deep blue.
 6738 Choice Mixed.
 6739 Collection (6 Separate varieties). Pkt. 75¢.

LENOX STOCKS. This new class of Stocks will be a great acquisition for pots or bedding purposes. The spikes are large and massive, deliciously scented. It begins blooming early and remains long in flower. Pkt. 35¢; 1/8 oz. \$2.50.

6740 Lavender. 6742 Pink. 6744 White.



SUNFLOWER — *Helianthus*

The strong growth of these well-known plants makes them unsuitable for bedding; but they are very useful for massing in shrubbery or borders, and for screening purposes. They do well in sunny positions, in any kind of soil.

SINGLE ANNUAL VARIETIES

6750 *Cucumerifolius* (*Miniature Sunflower*). Bears small, single, rich yellow flowers with black centre, from July until frost. 4 feet. Pkt. 10¢; oz. 60¢.
 6752 *Giant Russian*. The common tall sort with immense single flowers. 7 feet. Pkt. 5¢; oz. 15¢; 1/4 lb. 50¢.
 6754 *Henry Wilde*. Orange with black centre. 3 feet. Pkt. 10¢; oz. 60¢.
 6756 *Miniature Golden Fleece*. The cactus shaped flowers are of a clear golden yellow, with a dark centre, long stems, excellent for cutting. Pkt. 25¢.
 6758 *Orion*. Artistic and effective variety with Cactus-Dahlia-like flowers of a golden yellow shade. 4 feet. Pkt. 20¢; oz. \$1.50.

6760 *Red Hybrids*. The forms of these Red Sunflowers are as interesting as beautiful. The colour varies greatly, some plants produce flowers of a rich chestnut red, others red flowers tipped with yellow. 6 feet. Pkt. 15¢; oz. \$1.00.
 6762 *Stella* (*Improved Miniature Sunflower*). Colour golden-yellow with black disc. 4 feet. Pkt. 10¢; oz. \$1.00.

DOUBLE ANNUAL VARIETIES

6765 *Californicus*. Large double flowers of perfect form. 4 feet. Pkt. 10¢; oz. 50¢.
 6767 *Globulus Fistulosus* (*Globe or Dahlia Sunflower*). Large double flowers of a rich saffron colour. 4 feet. Pkt. 10¢; oz. 75¢.

For Perennial Varieties see page 82.

SWEET CLOVER — *Melilotus*

Border plants chiefly grown for their fragrant flowers. Hardy Annual. 1 1/2 feet.

6770 *Alba*. White. Pkt. 5¢; oz. 30¢.

BRECK'S CELEBRATED SWEET PEAS

Sweet Peas are today among the most popular garden Annuals. Their pretty flowers and delightful perfume make them universally esteemed.

Our list comprises all the latest novelties and all the choicest varieties sent out of late years which have become noted for their colour and the immense size of their flowers.

As the number of varieties has become so numerous and likely to confuse and lead to useless duplication of colours we have rigorously weeded out a great many of the older sorts which were considered good in their day, but have had to give place to newer and greatly improved varieties showing larger flowers and giving three to four blooms on a stem. We shall, however, be glad to supply any of the older sorts, or any Novelty which we have not catalogued.

CULTURAL DIRECTIONS: In Autumn or early Spring when the site has been fixed upon where the Peas are to be planted, a trench should be dug about two feet deep, and then filled about one-third with garden refuse, leaves, etc.; then another third of well-rotted manure should be added, and the trench then filled up with good soil and left in the rough to the weather. It will be found beneficial before seed is sown in Spring to give the ground a good dusting of soot and lime, and fork it well in. During the month of April, or as soon as frost is out of the ground, select a sunny day for sowing the seeds which should be sown at a depth of six inches from the top of the trench. Spread the seeds as even as possible and do not let them run together, leaving Peas from one to two inches apart in the trench. Cover the seeds with two inches of soil and fill in balance of the trench as the vines grow. As soon as the plants get about six inches high they should be supported by brush or trellis wire. During their growth if the weather be dry, the vines will benefit by being watered twice a week. About the end of June the surface of the soil should be well mulched with good decomposed manure or cocoanut fibre. The time of blooming will be considerably lengthened by keeping the flowers well cut and allowing no pods to form. To get the best results the seed should be inoculated with Farmogerm before planting. See page 21.

BRECK'S COLLECTIONS OF SPENCER SWEET PEAS.

All the finest named varieties. We take great pains in the selection of varieties going into these Collections from actual study when they are in bloom, so as to give a wide range of best colours and largest flowers. Our selections of Sweet Peas are unsurpassed. Prices include postage.

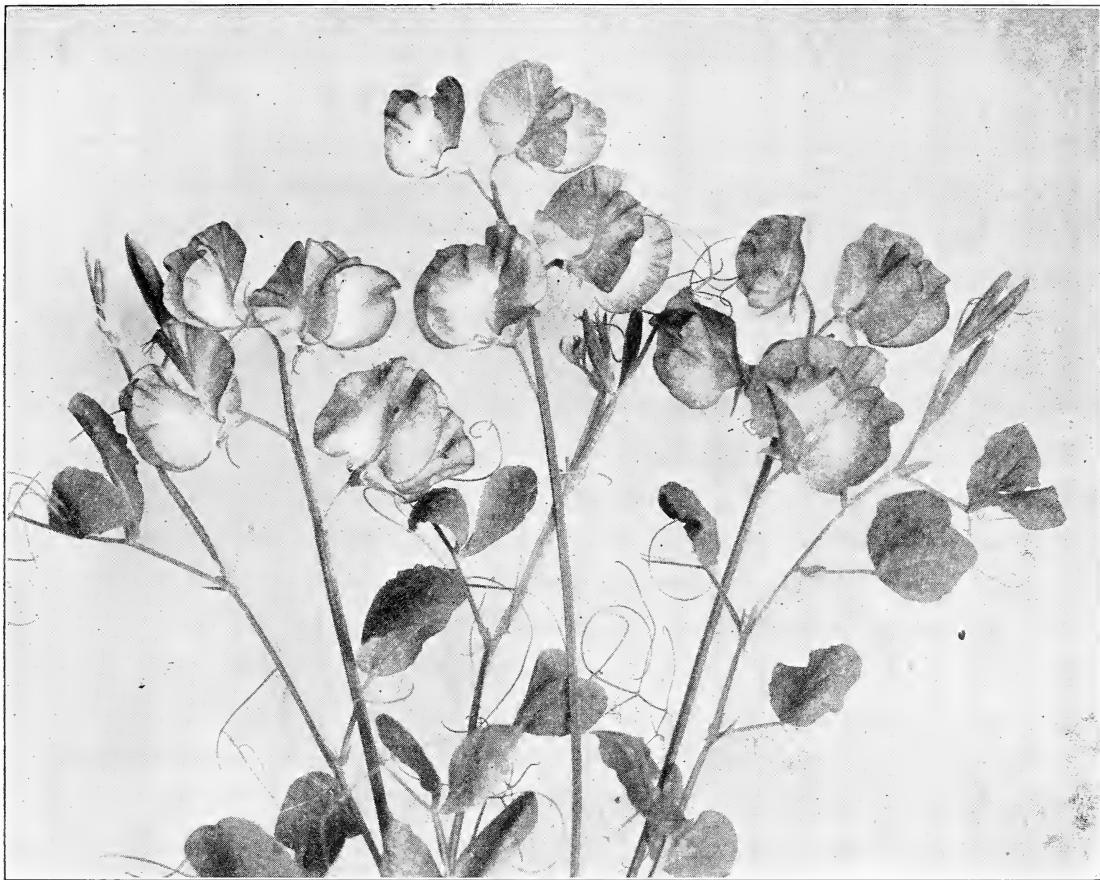
67741 6 Named Varieties Spencer Sweet Peas. Pkt. 50¢.
 67742 12 Named Varieties Spencer Sweet Peas. Pkt. \$1.00.
 67743 25 Named Varieties Spencer Sweet Peas. Pkt. \$2.00.
 67744 50 Named Varieties Spencer Sweet Peas. Pkt. \$3.50.

6775 BRECK'S GIANT SPENCER or ORCHID FLOWERING MIXTURE. In this mixture we have gathered all the newer forms of Sweet Peas. They are all distinctive and we confidently claim they are unapproachable for quality, perfection, and variety of colours—giants in size of blooms, robust in growth. The distinct wavy or ruffled form of flower resembles very much an orchid. As a beautiful blending of colour our mixture is sure to please the most critical flower lovers.

One ounce is sufficient to sow a twenty-foot row.
 Pkt. 10¢; oz. 25¢; 1/4 lb. 75¢; lb. \$2.50, Postpaid.

6780 BRECK'S BOSTON MIXTURE. This mixture is made up of the leading and most showy varieties from the grandiflora or large flowered type. We make this mixture ourselves and care is taken to have the colours well balanced.

Pkt. 5¢; oz. 10¢; 1/4 lb. 35¢; lb. \$1.00, Postpaid.



Sweet Peas, Hawlmank Pink

BRECK'S GIANT SPENCER SWEET PEAS

For Sweet Pea Novelties see page 46

In Separate Varieties and Shades

PURE WHITE

6785 **Constance Hinton.** A beautiful white Spencer of enormous size. Young flowers usually tinted a trifle pink, but they soon turn pure white. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6788 **Edna May.** Large flowers of the purest white, produces fours on exceedingly long stems. *Pkt. 15¢; oz. 75¢; 1/4 lb. \$2.50.*

6791 **King White.** Sometimes known as "The Perfect" White Spencer, superior in size, form and substance to all other white sorts; of vigorous growth. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6794 **Mascots White.** This is without doubt one of the finest white Sweet Peas. Large bold flowers of great substance. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6797 **White Spencer.** Enormous pure white flowers, elegantly frilled. *Pkt. 10¢; oz. 30¢; 1/4 lb. \$1.00.*

CREAM and YELLOW SHADES

6800 **Cis Wright.** Pale amber buff flushed lilac. *Pkt. 10¢; oz. 60¢; 1/4 lb. \$2.00.*

6803 **Dobbies Cream.** We consider this one of the best deep cream or primrose coloured sorts — nicely waved, abundance of four bloom sprays, and most floriferous. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6806 **Henrietta.** Rich cream pink beautifully frilled. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6809 **Ivorange.** Old ivory ground flushed buff and salmon. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6812 **Mrs. A. Hitchcock.** Pale pink flushed salmon on a cream ground. One of the largest flowered varieties. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6815 **Mrs. Hugh Dickson.** Large pale salmon on cream ground. *Pkt. 10¢; oz. 30¢; 1/4 lb. \$1.00.*

6818 **Paradise Ivory.** Pale cream tinted apricot and buff on standards. *Pkt. 10¢; oz. 30¢; 1/4 lb. \$1.00.*

6821 **Picture.** The colour may be described as flesh with a rosy flush, the whole suffused with creamy apricot. A delightful combination of colours. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

BLUSH and BICOLOR

6824 **Agricola.** A pleasing shade of blush pink suffused lilac; an immense flower of perfect form. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6827 **Blanche Ferry.** A large variety with pink standards and wings white suffused pink. *Pkt. 10¢; oz. 35¢; 1/4 lb. \$1.25.*

6830 **Lady Evelyn Eyre.** Pale blush pink with slight flush of salmon; perfect form and of large size. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6833 **Mrs. Cuthbertson.** Standard rose pink, white wings flushed pale rose. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

PICOTEE EDGED

6836 **Annie Ireland.** Strong growing white with distinct edge of terra-cotta pink. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6839 **Jean Ireland.** One of the best Picotee varieties, large cream buff flowers distinctly edged rose. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6842 **Mrs. C. W. Breadmore.** Cream ground edged with rose; very strong grower. *Pkt. 10¢; oz. 30¢; 1/4 lb. \$1.00.*

6845 **Myrtle.** Large wavy flowers, yellow banded with violet rose, resembling a rainbow. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6848 **Salena.** The standards and wings are rich cream; edged rosy scarlet; flowers are beautifully frilled. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

STRIPED and FLAKED

6851 **America.** Bright cardinal stripe on pure white ground; good large open form. *Pkt. 10¢; oz. 30¢; 1/4 lb. \$1.00.*

6854 **Helen Pierce.** Quite distinct from other sorts. It is most beautifully marbled with bright blue on a pure white ground, the blue veins showing a delicate tracery all over the flower. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6857 **Loyalty.** Royal blue flakes on white ground. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

PINK SHADES

6860 **Annie Bownass.** Standard and wings deep pink flushed salmon. *Pkt. 10¢; oz. 60¢; 1/4 lb. \$2.00.*

6863 **Barbara.** Very fine salmon. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6866 **Beryl.** Soft salmon pink shaded buff. *Pkt. 10¢; oz. 60¢; 1/4 lb. \$2.00.*

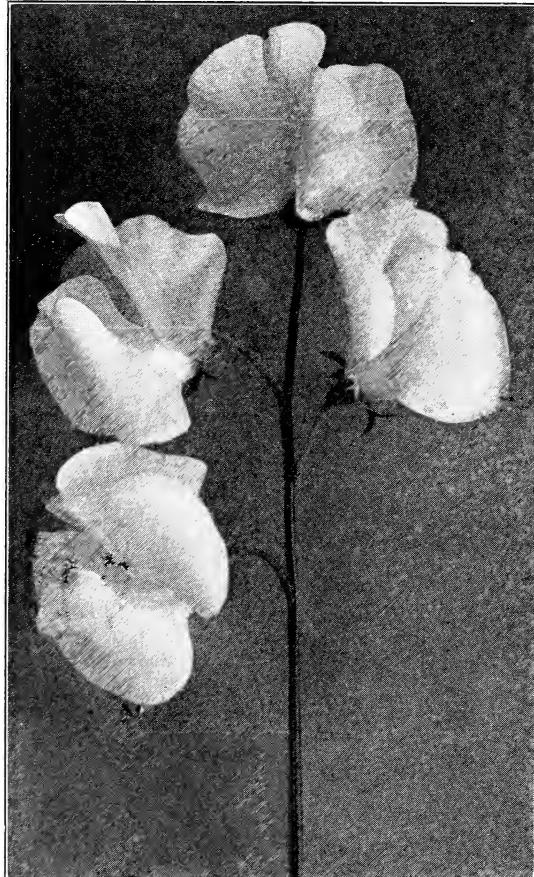
6869 **Bridesmaid.** A most pleasing shade of rich salmon pink on a buff ground resembling almond blossoms. *Pkt. 15¢; oz. 75¢; 1/4 lb. \$2.50.*

6872 **Caress.** Lovely soft pink on cream ground, extremely vigorous with well placed blooms. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6875 **Cecily.** Fine salmon pink, extra large blooms on long stems. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6878 **Countess Spencer.** Clear pink showing a little deeper at the edges. A beautiful variety. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6881 **Dobbies Frilled.** This is one of the most charming Sweet Peas ever raised. It is a duplex form of Countess Spencer at its best. A distinct novelty which will amply repay a little extra care; nearly all double flowers. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*



Sweet Pea, Mascots White



Sweet Pea, Hawlmak Lavender

6884 **Edith Taylor.** Salmon rose. New shade between salmon and shell pink. A fine exhibition variety. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6887 **Elfrida Pearson.** A very large flower, pale pink, vigorous grower producing plenty of four bloom sprays. Flowers are frequently produced with double standards. *Pkt. 10¢; oz. 30¢; 1/4 lb. \$1.00.*

6890 **Hawlmak Pink.** Bright rose pink. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6891 **Hawlmak Salmon.** *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6893 **Heracles.** Lovely rich pink of giant form and substance. A great improvement on Countess Spencer. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6896 **Margaret Atlee.** Duplex salmon-pink suffused on cream ground. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

LAVENDER and MAUVE SHADES

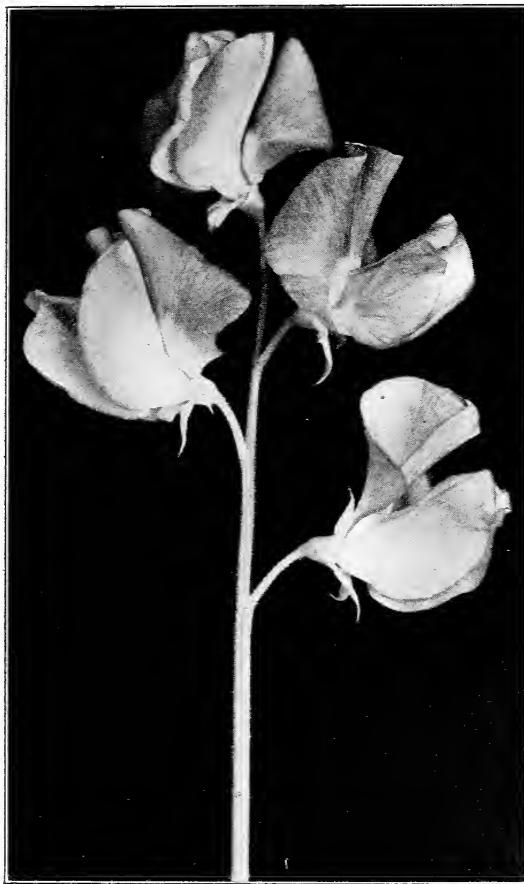
6902 **Empress Eugenie.** A most charming flower; colour, delicate tone of light grey, flaked with light lavender; a vigorous grower and free bloomer. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6905 **Florence Nightingale.** A soft rich lavender, faintly shaded rose; wings well frilled and waved. *Pkt. 10¢; oz. 40¢; 1/4 lb. \$1.25.*

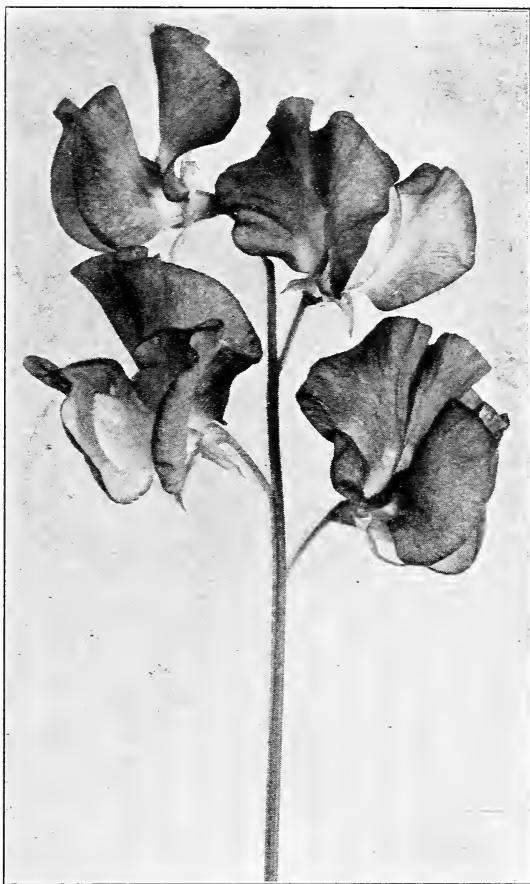
6908 **Hawlmak Lavender.** This is without doubt the purest lavender coloured pea that has been offered. *Pkt. 10¢; oz. 50¢; 1/4 oz. \$1.50.*

6911 **Lavender George Herbert.** The best of the lavender varieties; fine for exhibition and garden decoration, strong grower, gives plenty of fours while the individual flowers are very tall and refined. The colour is of bluish lavender. All keen growers will include this variety in their collections. *Pkt. 10¢; oz. 60¢; 1/4 lb. \$2.00.*

6914 **Magie.** Standard rosy amethyst deepening to blue, overlaying a deep lavender. *Pkt. 15¢; oz. 75¢; 1/4 lb. \$2.50.*



Sweet Pea, Wedgewood



Sweet Pea, Royal Scot

6917 R. F. Felton. One of the best lavender Spencers, a mauve toned lavender. Splendid exhibition variety. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

BLUE and PURPLE SHADES

6920 Blue Monarch. Sunproof dark blue, vigorous grower. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6923 Blue Stone. Aniline blue, vigorous and striking, a lovely pea for all kinds of decorative work. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6925 Jack Cornwall v. c. Dark violet blue. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6926 Margaret Fife. Pale sky blue, the blooms are large frilled and waved. *Pkt. 10¢; oz. 60¢; 1/4 lb. \$2.00.*

6929 Mrs. Tom Jones. Bright Delphinium blue, large blooms beautifully waved. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6932 Royal Purple. The colour of this charming variety is a fine Royal Purple and beautifully waved. It is absolutely distinct. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6935 Tenant Spencer. Rosy purple self coloured. *Pkt. 10¢; oz. 30¢; 1/4 lb. \$1.00.*

6938 Wedgewood. Flowers of good size, and a fine shade of Wedgewood blue; wings well waved; very free-flowering; considered by Sweet Pea experts to be the very finest blue variety yet introduced. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

MAROON SHADES

6941 Black Knight. Shining deep maroon. *Pkt. 10¢; oz. 40¢; 1/4 lb. \$1.25.*

6944 Hawlmark Maroon. The best of all dark coloured peas, a rich red maroon. *Pkt. 15¢; oz. 75¢; 1/4 lb. \$2.50.*

6947 King Manoel. Giant chocolate maroon self, one of the largest and best of this colour. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6950 Marks Tey. The standard is a rich rosy maroon, the wings blush mauve. The flower is of excellent form; the plant is most vigorous and four bloom sprays are produced in profusion. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6953 Othello. A rich, deep glossy maroon. *Pkt. 10¢; oz. 40¢; 1/4 lb. \$1.25.*

6956 Warrior. New and quite distinct, colour rich chocolate maroon. Flowers large, ruffled with long stems. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

CERISE, CARMINE, and ORANGE SHADES

6959 Alexander Malcolm. A rich glowing scarlet cerise. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6960 Boltons Orange. Bright glowing orange. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6962 Decorator. A magnificent Sweet Pea of great size and fine colour which can best be described as cerise. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6965 Fiery Cross. Rich fiery orange or scarlet without any shading. Does not scorch or burn even in periods of intense sunshine. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6968 George Herbert. Striking flower superior to John Ingman; bright cerise red. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

6970 Golden Glory. This is one of the brightest coloured Sweet Peas; rich glowing orange flowers of great substance and size. *Pkt. 10¢; oz. 50¢; 1/4 lb. \$1.50.*

**FOR SUCCESS WITH SWEET PEAS USE
FARMOGERM Seed Inoculation**

See page 21

6974 **Illuminator.** A distinct new colour; flowers well placed upon long stout stems; colour of flower ranges from salmon-orange through rich bright cerise-pink. *Pkt.* 10¢; oz. 60¢; $\frac{1}{4}$ lb. \$2.00.

6977 **Robert Sydenham.** A great advance on all orange shades and first-class in every way. Deep rich orange, self-growing, three and four blooms on a good stem. *Pkt.* 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.

6980 **Rosabelle.** A beautiful rose colour; a giant form of Marjory Willis, a splendid grower and a fine exhibition variety. *Pkt.* 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.

6983 **Stirling Stent.** Bright orange-pink; large flowers, free-blooming. *Pkt.* 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.

6985 **Tangerine Improved.** Rich orange, large flowers. *Pkt.* 10¢; oz. 60¢; $\frac{1}{4}$ lb. \$2.00.

CRIMSON and SCARLET SHADES

6986 **Bolton's Scarlet.** One of the best scarlet Sweet Peas, very bright colour. *Pkt.* 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.

6989 **Edward Cowdy.** Glowing orange-scarlet, not as deep as the President. *Pkt.* 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.

6992 **King Edward.** Giant flower, self-coloured bright crimson. *Pkt.* 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.

6993 **Maid Holmes.** Bright sunproof crimson. *Pkt.* 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.25.

6995 **Queen Alexandra.** Beautifully curved and fluted, one of the best of the self-coloured crimson scarlets. *Pkt.* 10¢; oz. 40¢; $\frac{1}{4}$ lb. \$1.25.

6997 **Royal Scot.** Glowing orange-scarlet. *Pkt.* 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.

6998 **Scarlet Emperor.** Large rich scarlet. *Pkt.* 10¢; oz. 60¢; $\frac{1}{4}$ lb. \$2.00.

7001 **Sincerity.** A beautiful scarlet cerise, does not burn. *Pkt.* 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.

7004 **The Cardinal.** Intense shade of Poppy scarlet, extra large blooms and more vigorous growing than any other of the same colour. *Pkt.* 10¢; oz. 60¢; $\frac{1}{4}$ lb. \$2.00.

7007 **The President.** The name given this magnificent variety is most appropriate. The intensely rich and dazzling orange-scarlet colour of the flower equals in brilliance the Oriental Poppy. Large and true Spencer form. Both for exhibition and garden decoration. *Pkt.* 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.

7010 **Vermillion Brilliant.** The most brilliant scarlet Spencer yet produced, a strong grower and unlike other scarlets the stems often produce fours. Unequalled for exhibition. *Pkt.* 10¢; oz. 50¢; $\frac{1}{4}$ lb. \$1.50.

EARLY-FLOWERING or LONG-SEASON SPENCERS

The following new varieties of Sweet Peas begin to blossom 106 days after planting the seed in the open ground; six weeks earlier than the late-flowering varieties planted at the same time. They usually blossom for four full months. Splendid type for greenhouse forcing. *Pkt.* 15¢; oz. \$1.00, except as noted.

7020 **Asta Ohn.** Lavender.

7022 **Blanche Ferry.** Pink and white.

7024 **Cream.** Identical with Dobbies Cream.

7026 **Enchantress.** Rose pink.

7028 **Fairmaid.** Blush pink suffused salmon on a white ground; of robust growth with long stems carrying flowers regularly.

7030 **Fancy.** Pale salmon-pink on cream ground deeply overlaid buff.

7031 **Grenadier.** The most brilliant Sweet Pea yet introduced; best described as a rich glowing poppy scarlet. *Pkt.* 35¢; oz. \$2.00.

7032 **Heather Bell.** Beautiful mauve-lavender.

7034 **Hercules.** Mammoth rosy pink.

7036 **Irene.** Very fine bluish lavender; especially recommended to all who prefer a clear lavender without mauve in it.

7038 **Lavender King.** Fine lavender.

7040 **Madonna.** This is an early Constance Hinton of the purest white. We recommend this as one of the finest novelties raised.

7042 **Melody.** Deep rose pink.

7044 **Morning Star.** Deep orange-scarlet.

7046 **Mrs. A. A. Skach.** Fine clear pink.

7048 **Mrs. Charles Zvolanek.** Large clear lavender.

7050 **Mrs. Spanolin.** Pure white.

7052 **Red Orchid.** Bright shade.

7054 **Rose Charm.** Bright rose with large blooms; very much admired.

7056 **Rose Queen.** Rose pink.

7058 **Snowflake.** Pure white.

7060 **Songbird.** Pale blush pink.

7062 **Spring Maid.** Light cream pink.

7064 **Wedgewood.** Bright blue.

7066 **White Orchid.** Pure white.

7070 **Yarrawa.** Bright rose pink.

7072 **Zvolanek's Blue.** Blue-jay shade.

7074 **Zvolanek's Rose.**

SWEET WILLIAM

A distinct new type. Seed sown in Spring will be in flower in early Summer. The flower heads are large, very fragrant, and beautifully marked in a great assortment of colours.

7080 **Breck's Annual Mixed.** *Pkt.* 15¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00. For Perennial Varieties, see page 85

THUNBERGIA

A slender trailing vine with neat green foliage and numerous extremely pretty flowers. Splendid for hanging-pots, vases, etc. Half-hardy Annual. *Pkt.* 10¢; $\frac{1}{4}$ oz. 60¢.

7085 **Alata.** Yellow with black eye.

7086 **Alata Alba.** White with dark eye.

7087 **Mixed.**

TORENIA

Very graceful, free-flowering plants producing an abundance of beautifully-coloured flowers all Summer. Tender Annual, 1 foot.

7090 **Baillonii.** Golden yellow deep red throat. *Pkt.* 25¢.

7091 **Fournieri White Wings.** *Pkt.* 25¢.

7092 **Fournieri Grandiflora.** Blue. *Pkt.* 25¢.

7093 **Fournieri Mixed.** *Pkt.* 15¢.

TROPAEOLUM — Canary Creeper

A quick-growing annual climber fine for trellis work or hanging-baskets.

7098 **Canariense.** *Pkt.* 10¢; oz. 50¢.



Verbena, Breck's Mammoth Mixed

VERBENA

The Verbena is now one of the most popular flowers for bedding purposes, its vigorous growth, free-blooming qualities, and brilliancy of colours commanding them to all growers. Ours is a fine giant flowered strain. The following are most valuable for bedding purposes and massing. *Pkt.* 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00, except as noted.

7100 **Blue** 7104 **Purple** 7108 **Striped**

7102 **Pink** 7106 **Scarlet** 7109 **White**

7107 **Yellow**

7110 **Breck's Mammoth Mixed.**

7111 **Collection** (6 distinct colours). *Pkt.* 50¢.

7112 **Auricula-Flowered Mixed.** Large flowers with white eye on each floret.

7114 **HeLEN Willmott.** This variety of Verbena is without doubt the very finest under cultivation and is unequalled for bedding. The flowers are very large and the colour is a beautiful bright salmon-rose with white eye. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$1.25.

7116 Lemon Verbena (*Aloysia Citriodora*). Tender perennial with fragrant leaves. The young sprays are very useful for intermingling with flowers in bouquets. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.50.

7118 Mayflower. The finest rose-coloured Verbena raised, beautiful shade without any eye, borne on neat plants of close habit. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.00.

For Pot-grown plants of this variety see page 44

7120 Venosa. A handsome half-hardy perennial with purple flowers remaining in bloom for a long period. Blooms the first season from seed. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢.

VINCA — Madagascar Periwinkle

Splendid tender perennials with luxuriant, dark green foliage and round, single flowers that bloom freely all Summer. Excellent for summer bedding and pot culture. Blooms first season from seed. Pkt. 10¢; $\frac{1}{4}$ oz. 60¢.

7125 Alba. 7127 Rosea Alba
7126 Rosea 7128 Mixed

VIRGINIAN STOCK

A pretty branching, hardy annual with an abundance of bright flowers. An excellent plant for bordering a bed, easily grown from seed.

7130 Mixed. Pkt. 5¢; oz. 40¢.

VISCARIA — Rock Lychnis

A popular, slender-stemmed Annual bearing attractive flowers about 1 inch in diameter. 1 foot.

7135 Cardinalis. Scarlet. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢.

7136 Oculata Cerulea. Blue. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

7137 Oculata Rosea. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.

WALLFLOWER

Very highly prized old-fashioned plants grown largely for their fragrance. Parisian varieties flower first season from seed. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

7140 Annual Paris Market Brown.

7141 Annual Paris Market Blood Red.

7142 Annual Paris Market Golden-Yellow.

7143 Annual Paris Market Mixed.

For Perennial Varieties see pages 79 and 85

WHITLAVIA

Pretty hardy Annuals producing numerous bell-shaped flowers throughout the season. 1 foot.

7145 Gloxinoides. Blue with white throat. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

7146 Grandiflora. Blue. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.25.

7147 Grandiflora Alba. White. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.25.

XERANTHEMUM — Immortelles

Free-flowering and very desirable. Everlasting of compact habit. 7150 Choice Mixed. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

ZINNIA

One of the most popular and most extensively used of all our hardy Annuals for beds, mixed borders and for cutting purposes. They require very little attention, will grow in any good garden soil. Seed sown early in heat will begin to bloom in June and continue until frost, or seed may be sown where they are intended to bloom as soon as frost has gone.

BRECK'S GIANT (*Grandiflora Plenissima*). The flowers of this variety measure from 5 to 6 inches across, are mostly very double, borne on long stiff stems. It is the finest strain of Zinnia we can procure. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

7155 Cream 7163 Picotee

7157 Crimson 7165 Purple

7159 Flesh Colour 7167 Rose

7161 Golden Yellow 7169 Salmon

7171 Scarlet 7175 Violet

7173 Sulphur Yellow 7177 White

7179 Breck's Giant Mixed

71841 Collection (6 varieties). Pkt. 75¢.

71842 Collection (12 varieties). Pkt. \$1.50.

7185 Achievement. The raising of this beautiful new Zinnia is undoubtedly an "achievement" in the field of horticultural endeavour. It is distinct from all other Zinnias hitherto raised by the shape of its petals, which are partially tubular at the base and expand in a cactus-like form towards the tip, thereby displaying a rich variety of colour, mostly of the warmer shades. On the reverse side, the petals are of a lilac tint; they produce in the flower a rare and beautiful combination of colour never before seen in Zinnias. Pkt. 20¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.



Zinnia, Dahlia-Flowered

BRECK'S DAHLIA FLOWERED. New type of large-flowered broad petal Zinnia, being much larger than the Giant Type. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.50.

7200 Canary Bird. Delicate Primrose.

7202 Crimson Monarch. Best Red.

7204 Dream. Deep lavender shading to purple.

7206 Exquisite. Light rose deeper to centre.

7208 Golden State. Rich orange yellow.

7210 Old Rose. Rich old rose shade.

7212 Oriole. Immense orange and gold.

7214 Polar Bear. Large pure white.

7216 Breck's Special Mixture. All colours.

7219 Collection (6 varieties). Pkt. \$1.25.

BRECK'S DWARF DEFIANCE. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

7225 Carmine

7239 Lilac

7227 Crimson

7241 Purple

7231 Flesh Pink

7243 Rose

7233 Golden Yellow

7245 Striped

7235 Light Scarlet

7247 White

7237 Light Yellow

7249 Choice Mixed

72491 Collection (of 6 varieties). Pkt. 50¢.

72492 Collection (of 12 varieties). Pkt. \$1.00.

7255 Curled and Crested Mixed. 1 foot. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

7260 Tom Thumb Mixed. 6 in. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

7265 Dwarf Red Riding Hood. A perfect compact plant, covered the entire season with small button-like double flowers of an intense scarlet. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.



Left to right: Dahlia Flowered, Curled and Crested

"Achievement," Breck's Giant



HARDY PERENNIAL FLOWER SEEDS

For complete list of Annuals see page 48; for Greenhouse Seeds see page 86.

BIENNIALS are plants which require two seasons to come to full maturity, after which they ripen their seed and die off. Some of them will flower the same season from seed if sown under glass early in February and March. Perhaps the best mode of treatment is to sow in frames early in July and August and winter them in boxes; plants treated in this way will flower early in Summer.

PERENNIALS, or as they are often termed, Herbaceous Plants, go on living and increasing for a number of years, the stems dying down each season and coming again from the roots each Spring. Perennials are easily raised from seed which should be sown during Spring and Summer in the cold frame. These should be ready for planting out into beds in Autumn and then transferred to their permanent quarters in Spring.

ABRONIA

Sweet scented, verbena-like trailers, suitable for growing in rock gardens and similar locations. Tender Perennial.

7300 *Arenaria*. Yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 75¢.

7303 *Umbellata Grandiflora*. Rose. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

ACANTHUS — Bear's Breech

Suitable for backgrounds of borders and for sub-tropical effects. Leaves large, rough, and beautifully outlined.

7310 *Latifolius*. Purple. Pkt. 10¢; $\frac{1}{4}$ oz. 20¢; oz. 60¢.

7312 *Mollis*. Pure white. Pkt. 10¢; $\frac{1}{4}$ oz. 20¢; oz. 60¢.

ACHILLEA — Yarrow

A very free-flowering hardy plant producing a wealth of pure white double flowers which are borne in clusters; blooms all Summer. An excellent plant for rock work.

7315 *Ptarmica*. Double white. Pkt. 10¢; $\frac{1}{8}$ oz. \$1.00.

7317 *Ptarmica, The Pearl*. Improved variety. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.50.

ACONITUM — Monkshood

Flowers bell-shaped, produced on long spikes. Root tuberous. An old garden favourite, and an excellent plant for the hardy border.

7320 *Lycoctonum*. Yellow. Pkt. 25¢.

7323 *Napellus Blue*. Pkt. 10¢; $\frac{1}{8}$ oz. \$1.00.

7326 *Napellus Mixed*. Pkt. 10¢; $\frac{1}{8}$ oz. 75¢.

7332 *Wilsonii*. Light blue. Pkt. 25¢.

ADENOPHORA

Beautiful hardy Perennials with drooping bell-shaped flowers.

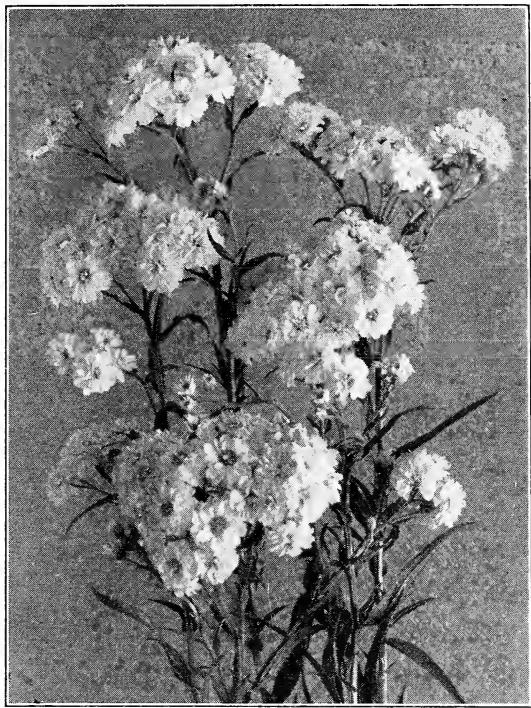
7336 *Potanini*. Light blue. 2 feet. Pkt. 25¢.

ADONIS

One of the earliest plants to flower in Spring; good among other Perennials, or planted under shrubs. Flowers resemble buttercups. Foliage finely cut.

7340 *Vernalis*. Bright yellow. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.00.

For Annual Varieties see page 48



Achillea Ptarmica, The Pearl

ÆTHIONEMA

A spreading, bushy Perennial with an abundance of rosy-lilac flowers.
7345 **Grandiflora.** Rosy Lilac. 1½ feet. Pkt. 25¢.

AGROSTEMMA

A free-flowering border plant with attractive flowers that are excellent for cutting.

7350 **Coronaria Alba.** Pure white. 1½ feet. Pkt. 10¢; ¼ oz. 30¢; oz. \$1.00.

7352 **Coronaria Crimson.** Pkt. 10¢; ¼ oz. 30¢; oz. \$1.00.

7354 **Flos Jovis (Jove's Flower).** Deep pink. 1 foot. Pkt. 10¢; ¼ oz. 30¢; oz. \$1.00.

7356 **Hybrida Walkeri.** Bright pink. 1 foot. Pkt. 15¢; ⅛ oz. 75¢.

7358 **Mixed.** 1½ feet. Pkt. 10¢; ¼ oz. 25¢; oz. 75¢.
For Annual Varieties see page 48

ALSTROEMERIA

Exceedingly attractive flowers resembling Lilies, borne on long slender stems, of great value as a cut flower. Half-hardy Perennial.

7368 **Chilensis.** Mixed. 3 feet. Pkt. 25¢; ⅛ oz. 50¢.

ALYSSUM—Goldentuft

A good edging plant of easy culture. Foliage velvety gray. Flowers fragrant, in numerous small clusters.

7370 **Saxatile Compactum.** A single plant in one year will produce hundreds of bright yellow flowers. 1 foot. Pkt. 10¢; ¼ oz. 50¢; oz. \$1.50.

★7372 **Silver Queen.** Pale primrose — very dwarf and compact. Pkt. 25¢; ⅛ oz. 75¢.
For Annual Varieties see page 48

AMPELOPSIS

7375 **Quinquefolia (Common Woodbine, or Virginia Creeper).**

A vine of most vigorous growth. The foliage is glossy green in the Summer, turning to intense crimson in the Autumn. Pkt. 10¢; oz. 50¢.

7378 **Veitchii (Boston, or Japanese Ivy).** Used generally to cover walls, its fine shoots extending to the roof of tall buildings. The vine can be made to grow on wood. In the Autumn the leaves assume the most gorgeous and varied tints. Pkt. 10¢; oz. 50¢.

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ANCHUSA—Alkanet

A useful Perennial. Blooming constantly if not allowed to go to seed. Foliage rough, flowers in numerous small panicles resembling those of the Forget-Me-Not.

7380 **Barrelieri.** Double blue. Pkt. 10¢; ⅛ oz. 30¢.

★7383 **Italica Dropmore.** One of the finest herbaceous plants grown. The flowers are of a most lovely shade of gentian blue, excellent for cutting. Pkt. 15¢; ¼ oz. \$1.00.

7386 **Italica Opal.** Fine bright blue. Pkt. 20¢; ⅛ oz. 75¢.

For Annual Varieties see page 49

ANEMONE—Wind Flower

Hardy Perennials blooming in the Spring and Autumn. The Japonica varieties produce a wealth of bloom from August until frost.

7390 **Coronaria.** Mixed. 1 foot. Pkt. 10¢.

7392 **Japonica Queen Charlotte.** Pink. 2 feet. Pkt. 50¢.

7394 **Japonica Alba.** Pure white. 2 feet. Pkt. 25¢.

7396 **Japonica Rosea.** Rose colour. 2 feet. Pkt. 25¢.

★7400 **St. Brigid.** Poppy-flowered, mixed. 1 foot. Pkt. 25¢.

ANTHEMIS—Chamomile

A profuse bloomer and very showy. A good border plant. Flowers about 1½ inches across, daisy-like. Pkt. 10¢; ⅛ oz. 35¢.

7405 **Arabica.** Yellow. 1 foot.

7408 **Montana.** A pretty small flower like a white chrysanthemum. 6 inches.

7412 **Tinetoria.** Yellow. 2 feet.

ANTHERICUM

Beautiful white, fragrant, lily-like flowers; excellent for cutting. Pkt. 25¢; ⅛ oz. \$1.00.

7416 **Liliago (St. Bernard's Lily).** White. 1½ feet.

7418 **Liliastrum (St. Bruno's Lily).** * White with green-spotted petals. 2½ feet.



Columbine, Breck's Long Spurred Hybrids

AQUILEGIA—Columbine

This family is one of the most beautiful and popular among hardy Perennials. The different varieties present an unusual wealth of colour and form. For growing in borders or filling up bays in shrubberies they are unsurpassed. Any ordinary garden soil is suitable for their growth. The flowers are fragrant.

7420 **Alba Fl. Pl.** Double white. 2 feet. Pkt. 10¢; ⅛ oz. 50¢.

★7422 **Breck's Long Spurred Hybrids.** 3 feet. Choice mixed. This strain is the finest procurable. The colours range through the most beautiful combinations of shades. Pkt. 50¢; ⅛ oz. \$1.50.

AQUILEGIA — Continued

7424 *Californica Hybrida* (*Californian Columbine*). Very distinct. Spurs long, orange-red. Petals yellow-brown. Foliage broad. *Pkt.* 20¢; $\frac{1}{8}$ oz. \$1.00.

7426 *Canadensis* (*Wild Columbine*). A good plant for the rockery or hardy border. Very free-flowering. Scarlet and yellow. *Pkt.* 10¢; $\frac{1}{8}$ oz. 50¢.

7428 *Chrysanthra* (*Golden-spurred Columbine*). Fragrant and showy. Spurs very long and slender. One of the best golden yellow. *Pkt.* 10¢; $\frac{1}{8}$ oz. 75¢.

7430 *Chrysanthra*, Fl. Pl. Double yellow. 3 feet. *Pkt.* 25¢; $\frac{1}{8}$ oz. \$1.00.

7432 *Cœrulea* (*Rocky Mountain Columbine*). Foliage much divided. One of the best. Particularly good for rockery planting. Violet and white. *Pkt.* 25¢; $\frac{1}{8}$ oz. \$1.00.

7434 *Cœrulea Hybrida* (*Long-spurred Columbine*). A free-flowering species. Flowers in shades of white, blue, and rose-purple. Excellent for the border or rock-garden. *Pkt.* 15¢; $\frac{1}{8}$ oz. 75¢.

7436 *Erskine Park Hybrids*. This strain of *Aquilegia* originated at Erskine Park, Lenox, Mass., the result of hybridizing the finest European and American varieties. For best results sow during July and plant in permanent position in the Autumn. Superb mixed colours. *Pkt.* 25¢; $\frac{1}{8}$ oz. \$1.00.

7438 *Glandulosa* (*Siberian Columbine*). One of the best and hardiest. Flowers very large. Blue and white. *Pkt.* 50¢.

7440 *Jaetschauia*. Yellow and red. 2 feet. *Pkt.* 15¢; $\frac{1}{8}$ oz. \$1.00.

7443 *Rose Queen*. Long spurred pink with white centre. *Pkt.* 50¢.

7445 *Snow Queen*. Long spurred. Pure white. *Pkt.* 50¢.

7446 *Single Mixed*. Various colours. *Pkt.* 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

7448 *Skinneri* (*Mexican Columbine*). Very showy and distinct. Crimson. *Pkt.* 25¢; $\frac{1}{8}$ oz. \$1.00.

7450 *Spurless or Anemone Flowered*. This is a novelty of great merit, especially in the perennial class; it is perfectly hardy and will blossom by Memorial Day. Mixture of rich shades. *Pkt.* 25¢; $\frac{1}{8}$ oz. \$1.00.

7452 *Stuartii*. Blue and white. 1½ feet. *Pkt.* 50¢.

7454 *Veitch's New Single Hybrids*. Choice mixture. *Pkt.* 20¢; $\frac{1}{4}$ oz. \$1.00.

7456 *Vulgaris* (*Double Columbine*). Double flowers in colours from light yellow to crimson. *Pkt.* 25¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

ARABIS — Rock-cress

Flowers fragrant; one of the showiest border or rock plants. Masses of small star-shaped flowers completely cover the plant.

7460 *Alpina*. Pure white fragrant flowers. Will grow well in rather shaded positions. Height 6 to 9 inches. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

7462 *Compacta Multiflora*. Improved habit. *Pkt.* 25¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

7463 *Rosea*. Dwarf and floriferous. *Pkt.* 25¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

ARISTOLOCHIA — Dutchman's Pipe

One of the best climbing vines, with immense heart-shaped leaves of a deep rich green colour, valuable for covering walls and trellises.

7465 *Siphio*. *Pkt.* 35¢.

ARMERIA — Thrift or Sea Pink

Fine for edgings or borders. The bright tufted flowers are produced all Summer.

7468 *Formosa*. Dark crimson. 1½ feet. *Pkt.* 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

7470 *Splendens*. Deep Pink. 1 foot. *Pkt.* 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

ASCLEPIAS — Milk Weed

An excellent border plant with flat clusters of brilliant flowers.

7475 *Tuberosa*. Bright orange. 2½ feet. *Pkt.* 10¢; $\frac{1}{8}$ oz. 75¢; oz. \$3.50.

ASPERULA — Sweet Woodruff

A creeping plant with foliage particularly good for bouquet work. Leaves fragrant and often used to scent clothes. Good for rock work.

7480 *Odorata*. Sweet scented. *Pkt.* 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

7484 *Tinetoria*. Small white flowers. Can be used for the same purposes as *Gypsophila*. *Pkt.* 15¢; $\frac{1}{8}$ oz. 50¢.

For Annual Variety, see page 49

ASTER — Michaelmas Daisy

These showy Perennials may be easily raised from seed and make attractive Autumn flowering border plants.

7488 *Alpinus*. Purple. *Pkt.* 15¢; $\frac{1}{4}$ oz. \$1.50.

7490 *Bessarabeus*. Blue. *Pkt.* 15¢; $\frac{1}{4}$ oz. \$1.50.

7492 *White Queen*. Pure white, free-flowering. *Pkt.* 10¢; $\frac{1}{4}$ oz. \$1.00.

7494 *Mixed*. *Pkt.* 10¢; $\frac{1}{4}$ oz. 75¢.

For Annual Varieties, see page 50

AUBRIETIA

Dwarf Spring-flowering perennials. Valuable for planting in rock gardens and borders. Height 4 inches.

7500 *Bougainvillei*. Purple. *Pkt.* 20¢.

7502 *Deltoidea*. Lavender. *Pkt.* 25¢.

7504 *Large Flowered Hybrids*. Many new shades — large flowers. *Pkt.* 25¢.

7506 *Leichtlinii*. Rosy Carmine. *Pkt.* 25¢.

BAPTISIA

An excellent Perennial for hardy borders; pea-shaped flowers borne in spikes.

7510 *Australis*. Bright blue. 2 feet. *Pkt.* 10¢; $\frac{1}{4}$ oz. 50¢.

BELLIS PERENNIS — English Daisy

The English Daisies are very popular Spring flowering, perennial plants; they are very often used for bedding with Pansies, Forget-Me-Nots, Silenes, etc. They grow about 4 inches high and have a flowering season from May until September.

7515 *Breck's Double Red Quilled*. *Pkt.* 25¢; $\frac{1}{8}$ oz. \$1.00.

7517 *Breck's Giant Double Pink*. *Pkt.* 25¢; $\frac{1}{8}$ oz. \$1.00.

7521 *Breck's Giant Double White*. Larger than Snowball; each plant has very few flowers, but they are enormous in size. *Pkt.* 25¢; $\frac{1}{8}$ oz. \$1.00.

7523 *Longfellow*. Pink. *Pkt.* 20¢; $\frac{1}{4}$ oz. \$1.50; oz. \$5.00.

7525 *Snowball*. Pure white. *Pkt.* 20¢; $\frac{1}{4}$ oz. \$1.50; oz. \$5.00.

7527 *Double Mixed*. *Pkt.* 15¢; $\frac{1}{4}$ oz. \$1.50; oz. \$5.00.

BOCCONIA — Plume Poppy

An elegant, tall-growing Perennial with broad glaucous foliage and white flowers. Good for planting among shrubs.

7540 *Japonica*. Pure white. 6 to 8 feet. *Pkt.* 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

BOLTONIA — False Chamomile

An excellent Autumn-flowering Perennial, with daisy-like flowers resembling Autumn Aster. Good for the flower border or for planting among shrubs.

7545 *Latisquama*. Lavender lilac. 5 feet. *Pkt.* 15¢; $\frac{1}{8}$ oz. \$1.00.

BUPHANTHALLUM — Ox-Eye Daisy

A showy Perennial for the hardy border; large, single flowers with brown centres.

7548 *Salicifolium*. Yellow with dark centre. *Pkt.* 10¢; $\frac{1}{4}$ oz. 60¢.

CALLIRRHOE — Mallow

*Trailing plants with saucer-shaped flowers; useful for borders and rock work. 1 foot. *Pkt.* 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.*

7550 *Involucrata*. Crimson.

7552 *Pedata*. Deep Rose.

CAMPANULA — Canterbury Bell

All the Campanulas can be grown with the greatest ease in ordinary gardens and for conservatory and house decoration. They are among the best known of our herbaceous Perennials, and their handsome bell-like flowers always call forth admiration.

CALYCANTHEMA (*Cup and Saucer Canterbury Bell*). *It is without doubt the finest type of this old-fashioned and beautiful garden plant. *Pkt.* 15¢; $\frac{1}{4}$ oz. \$1.50; oz. \$5.00.*

7556 *Dark Blue* 7558 *Mauve* 7562 *White*

7557 *Lavender* 7560 *Rose* 7564 *Mixed*

MEDIA, Single Canterbury Bells. *This is the old-fashioned variety with large bell-shaped blossoms. 2½ feet. *Pkt.* 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.*

7568 *Blue* 7572 *Rose* 7576 *Mixed*

7570 *Mauve* 6574 *White*

75791 *Collection* (6 distinct colours). *Pkt.* 50¢.

MEDIA, Double Canterbury Bells. *Pkt.* 15¢; $\frac{1}{8}$ oz. 60¢; $\frac{1}{4}$ oz. \$1.00.

7580 *Blue* 7586 *White*

7582 *Rose* 7588 *Mixed*

7584 *Violet King*. The combination of habit and variety of colour will insure this variety a cordial reception by every gardener. The colour is a lovely deep violet, habit of plant is elegant with graceful stems. *Pkt.* 35¢; $\frac{1}{8}$ oz. \$1.00.

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Edward I. Farrington, Editor

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CAMPANULA—OTHER VARIETIES

7590 *Carpatica Cœrulea*. (*Carpathian Hare Bell*). Free-flowering with erect, clear blue flowers. Very useful for edging; it blooms all Summer. 6 inches. *Pkt.* 15¢; $\frac{1}{4}$ oz. 75¢.

7593 *Carpatica Alba*. White form of the preceding. *Pkt.* 15¢; $\frac{1}{4}$ oz. 75¢.

7599 *Persicifolia Grandiflora Cœrulea*. One of the finest of the hardy blue bell-flowers. $2\frac{1}{2}$ feet. *Pkt.* 15¢; $\frac{1}{8}$ oz. \$1.00.

7602 *Persicifolia Grandiflora Alba*. Extra long spikes of pure white flowers. $2\frac{1}{2}$ feet. *Pkt.* 15¢; $\frac{1}{8}$ oz. \$1.00.

7605 *Persicifolia Gigantea Moerheimi*. A beautiful variety with large, double, pure white flowers. 2 feet. *Pkt.* 25¢.

7606 *Persicifolia Telham Beauty*. Bright light blue enormous flowers. *Pkt.* 50¢.

7608 *Pyramidalis Compacta Alba* (*The Chimney Bell-flower*). Very attractive as a border plant. As a decorative plant for conservatories or corridors this variety is most valuable. 3 feet. *Pkt.* 15¢; $\frac{1}{8}$ oz. 75¢.

7611 *Pyramidalis Compacta Cœrulea*. Blue form of the preceding. *Pkt.* 15¢; $\frac{1}{8}$ oz. 75¢.

7614 *Rotundifolia* (*Blue Bells of Scotland*). Pale blue; of slender, graceful habit, very attractive. Good for borders and rock gardens. Trailing in growth. Flowers small, bell-shaped. *Pkt.* 25¢.

For Annual Varieties, see page 53

CANDYTUFT

Excellent for edging or border planting. Fine dark, glossy foliage and flowers completely covering the plant.

7618 *Gibraltarica*. Pink. *Pkt.* 15¢; $\frac{1}{4}$ oz. \$1.00; oz. \$3.00.

7620 *Sempervirens* (*Evergreen Candytuft*). White. *Pkt.* 15¢; $\frac{1}{4}$ oz. \$1.50; oz. \$4.00.

For Annual Varieties, see page 53

CARNATION—Hardy Pinks

These form low, bushy, tufted plants above which are produced on long stems, the beautiful fringed and fragrant flowers so valued in "old-fashioned" gardens. For permanent beds and borders these Pinks are unrivaled.

7625 *Chaubaud Perpetual*. Very free-flowering with a wide range of colours. $1\frac{1}{2}$ feet. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$1.50.

7627 *Dwarf Perpetual*. Choice mixed. 1 foot. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$1.50.

7629 *Grenadin Double Scarlet*. Very bright early scarlet, dwarf habit. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$1.25.

7631 *Grenadin Double White*. Very early and free flowering. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$1.25.

7633 *Grenadin Double Mixed*. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$1.25.

7635 *Mrs. Sinkins*. Fine large double white, clove-scented. *Pkt.* 50¢.

7637 *Plumarius Cyclops* (*Double Pheasant's Eye Pink*). Beautiful flowers in various shades. *Pkt.* 15¢; $\frac{1}{4}$ oz. \$1.00.

7639 *Plumarius Single Mixed* (*Scotch or Pheasant's Eye Pink*). A beautiful single variety with fringed edges. *Pkt.* 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

7641 *Scotieus Fl. Pl.* (*Scotch Pink*). These hardy Scotch or Paisley pinks are suitable for garden or greenhouse; spice fragrance. *Pkt.* 50¢.

7643 *Semperflorens* (*Everblooming Pink*). Sweet-scented double, semi-double and single flowers in beautiful colours. *Pkt.* 15¢; $\frac{1}{4}$ oz. \$1.00.

For Annual Varieties, see page 54

CENTAUREA—Mountain Bluet

Flowers large, resembling cornflowers. Foliage hairy.

7648 *Montana Alba*. Pure White. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$1.50.

7650 *Montana Cœrulea*. Large blossoms of deep blue. *Pkt.* 15¢; $\frac{1}{4}$ oz. 75¢.

For Annual Varieties, see page 54

CEPHALARIA

A handsome border Perennial with sulphur-yellow flowers.

7655 *Alpina*. 3 to 4 feet. *Pkt.* 15¢; $\frac{1}{4}$ oz. 75¢.

CERASTIUM—Snow in Summer

Perennial with silvery foliage and small white flowers; valuable for carpet-bedding, edgings and rock work. 4 inches.

7658 *Biebersteinii*. White foliage growing in clumps. *Pkt.* 10¢; $\frac{1}{4}$ oz. \$1.00.

7660 *Tomentosum*. Narrow white foliage, fine for ribbon border. *Pkt.* 15¢; $\frac{1}{8}$ oz. \$1.00.

CHELONE

A good border plant with brilliant *Pentstemon*-like flowers and grassy foliage. 2 feet.

7665 *Barbata Torreyi*. Scarlet. *Pkt.* 10¢; $\frac{1}{4}$ oz. \$1.00; oz. \$3.00.

7668 *Hybrida*. Mixed. *Pkt.* 10¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

CHEIRANTHUS—Siberian Wallflower

Early-flowering Perennial good for borders or rockeries. Continues in bloom all Summer.

7672 *Allionii*. Brilliant orange. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$1.00.

For Greenhouse Variety, see page 87



Shasta Daisy

CHRYSANTHEMUM—Giant Daisy

One of the most showy Autumn-flowering Perennials. Flowers daisy-like, single, with yellow centres; the flower clusters are about 2 inches across. A profuse bloomer, excellent for the hardy border.

7676 *King Edward VII*. The most beautiful of the Maximum varieties; flowers large, pure white, and very perfect. 3 feet. *Pkt.* 15¢; $\frac{1}{4}$ oz. 75¢.

7678 *Leucanthemum Secundum*. White. *Pkt.* 15¢; $\frac{1}{4}$ oz. 60¢.

7680 *Maximum Perfection*. (*Select Stock*) Large white flowers; a handsome cut flower. 3 feet. *Pkt.* 10¢; $\frac{1}{4}$ oz. 60¢.

7682 *Shasta Daisy*. Large white flowers. *Pkt.* 15¢; $\frac{1}{4}$ oz. \$1.00.

7684 *Tuckwood Daisy*. Large flowers with double row of petals—pure white. *Pkt.* 25¢; $\frac{1}{8}$ oz. \$1.00.

For Annual Varieties, see page 55; for Greenhouse Varieties, see page 87; for Plants see pages 103, 109 and 110.

CLEMATIS

Beautiful climbing vines with glossy green leaves and star-shaped flowers which completely cover the vines. Good for covering walls and trellises. 15 feet.

7690 *Flammula* (*Virgin's Bower*). White. Pkt. 10¢; $\frac{1}{4}$ oz. 60¢.

7692 *Paniculata*. White. Pkt. 10¢; $\frac{1}{4}$ oz. 75¢.

7694 Large-Flowering Hybrids. Mixed. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.00.

COREOPSIS — Tick-seed

One of the most constant flowering of all the Perennials. Rich green foliage. Good for grouping with shrubs or in the border.

7700 *Grandiflora*. This is one of the best of hardy plants; the large, bright, showy yellow flowers are produced in abundance from June till frost. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

7702 *Lanceolata*. Yellow. 2 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

7704 *Perennials*, mixed. Various colours. 2 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

For Annual Varieties see page 56

DELPHINIUM—Larkspur

Great improvement has been made in the form and colours of these splendid border Perennials, and their vigour of growth has been increased. They are of easy culture, thriving in any good open, yet substantial soil; when well established they are of great value in mixed or shrubby borders, and for cutting purposes.

7710 *Belladonna*. Beautiful turquoise-blue flowers. This variety is a very free continuous bloomer from the end of June until frost; no hardy border is complete without it. Pkt. 25¢; $\frac{1}{4}$ oz. \$2.00; oz. \$6.00.

7713 *Bellamosa*. A dark blue of the type of Belladonna with the colour of the old Formosum variety, but not liable to mildew like the latter, and of stronger growth. Pkt. 25¢; $\frac{1}{4}$ oz. \$2.00; oz. \$6.00.

7716 *Breck's Superb New Hybrids*. Saved from a magnificent strain of all the best varieties, they range in colour from delicate lavender through all shades to the most intense blue. Pkt. 50¢; $\frac{1}{4}$ oz. \$2.00; oz. \$6.00.

7719 *Cardinalis*. Scarlet with yellow centre. 3 feet. Pkt. 20¢; $\frac{1}{4}$ oz. \$1.25.

7722 *Cashmerianum*. Flowers in flat clusters. Foliage deeply cut. Particularly good for the rock garden. Deep purple. Pkt. 25¢.

7725 *Chinense*. Light blue. Foliage light green; deeply divided. Individual flowers large and in compact racemes. Good for the hardy border. Pkt. 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

7728 *Chinense album*. A variety of the preceding with pure white flower. Pkt. 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

7731 *Elatum Hybridum* (*Bee Larkspur*). Foliage finely divided. Flowers large and marked with violet. Excellent for the border. If the flowers are cut the plants will continue to bloom very late. Deep blue. Pkt. 10¢; $\frac{1}{4}$ oz. 75¢.

7734 *Erskine Park Hybrids*. These beautiful hybrids originated at Erskine Park, Lenox, Mass., the result of crossing the finest varieties of *Formosum* and *Nudicaule*, saving seed only from the largest and finest flowers. In colour they are all the finest delicate shades of blue. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.50; oz. \$4.00.

7737 *Formosum*. Rich, dark blue. Large flowers on tall spikes. Foliage divided, dark. Good among shrubs or in border. Will continue to bloom if cut freely. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.25; oz. \$4.00.

7740 *Formosum Coelestinum*. Beautiful large light blue flowers. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.00.

7745 *King of Delphiniums*. Deep blue with white eye, very fine. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.00.

7748 *New, Large-Flowered Hybrids*. From named varieties only. Pkt. 20¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

7751 *Nudicaule*. Scarlet. 2 feet. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.25.

7754 *Zalil Sulphureum*. Sulphur yellow. 2 feet. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.50.

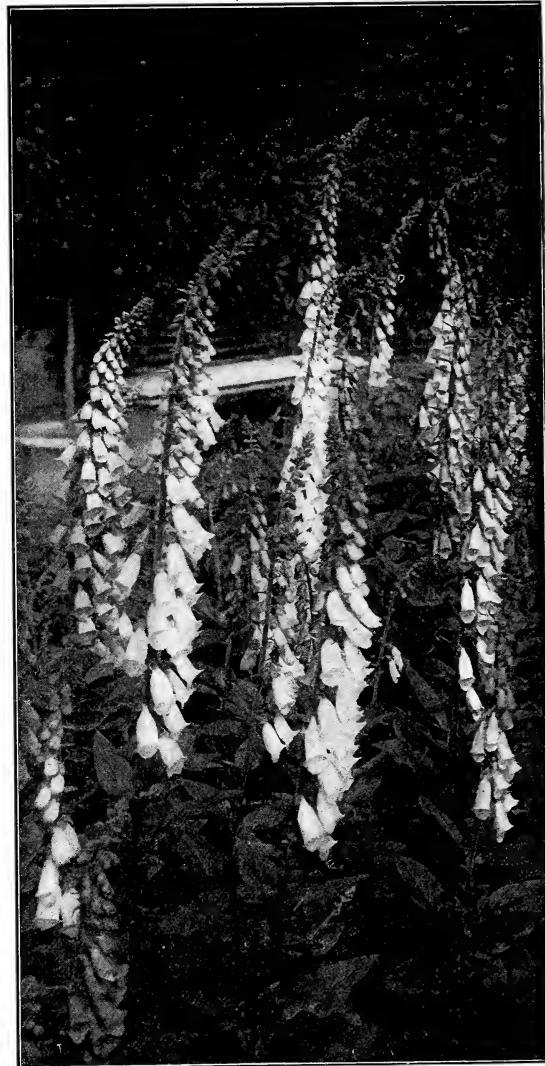
For Annual varieties see page 61

DICTAMNUS — Dittany or Gas Plant

An old garden favourite with fragrant, glossy foliage that gives forth an odour like lemon when rubbed in the hands; a great favourite with bees. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

7758 *Fraxinella*. Purple.

7760 *Fraxinella Alba*. White.



Digitalis, Breck's Selected Mixed

DIGITALIS—Foxglove

Excellent hardy Perennials, producing long clusters of tubular flowers. Splendid for shrubberies, shady places, and borders.

7765 *Alba*. White. 3 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

7767 *Breck's Selected Mixed*. Giant spikes of flowers in a splendid variety of colour. 4 feet. Pkt. 25¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

7769 *Gloxinæflora*, Mixed. 4 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

7771 *Grandiflora*. Yellow. 4 feet. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

7773 *Maculata Superba*. Ivory Spotted. 3 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

7775 *Monstruosa Superba*, Mixed. 3 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

7777 *Purpurea* (*Common Foxglove*). Purple. 3 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

7779 *Rosea*. Pink. 3 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

7781 *Mixed*. 3 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

DODECATHEON — Shooting Star

An old-fashioned Perennial with drooping purple flowers.

7784 *Meadia*. 1 foot. Pkt. 50¢.

ECHINACEA — Cone-flower

A bushy showy plant with flowers, sometimes 4 inches across. Centre of flowers dark, drooping petals. A very free-flowering Perennial. 3 ft. 7788 *Purpurea*. Large, reddish-purple flowers. Pkt. 15¢; 1/4 oz. \$1.50.

ECHINOPS — Globe Thistle

Magnificent Perennial with large thistle-like heads of light blue flowers. 3 feet. 7792 *Ritro*. Pkt. 10¢; 1/4 oz. 35¢.

EDELWEISS

A hardy Perennial plant from the Swiss Alps; star-shaped white flowers. 6 inches. 7795 *Leontopodium Alpinum*. Pkt. 25¢.

EREMURUS

A stately plant with long spikes of flowers. 8 feet.

7800 *Robustus*. Flesh pink. Pkt. 25¢.

7802 *Gold Medal Hybrids*. Comprising a mixture of fine new colours. Pkt. 50¢.

ERIGERON

An excellent hardy Perennial, producing flowers on stocky stems.

7806 *Aurantiacus*. Orange. Pkt. 25¢.

7808 *Speciosus*. Mauve with yellow centre — fine for cutting. Pkt. 10¢.

ERYNGIUM — Sea Holly

Handsome ornamental hardy Perennials, with beautiful thistle-like heads of azure blue, very finely cut foliage; excellent for Winter bouquets.

7812 *Amethystinum*. Deep blue. Pkt. 15¢; 1/8 oz. \$1.00.

7814 *Giganteum*. Handsome species with small round flower heads of pale blue. Pkt. 10¢; 1/8 oz. 35¢.

EUPATORIUM

A graceful Perennial bearing clusters of white flowers. 2 feet.

7818 *Fraseri*. Pkt. 10¢; 1/8 oz. 50¢.

FUNKIA

An excellent border plant with large leaves and clusters of fragrant flowers borne on spikes well above the foliage. 2 feet.

7822 *Alba*. White Plaistain Lily. Pkt. 25¢.

7824 *Cerulea*. Blue. Pkt. 25¢.

GAILLARDIA — Blanket Flower

Daisy-like flowers in various shades of yellow with dark brown centres. Excellent for the border and one of the best Perennials for cutting.

7830 **Breck's Exhibition Hybrids**. This is an exceedingly showy, effective strain of perennial Gaillardia, producing large, handsome flowers of various colours, including clear golden-yellow, brilliant crimson, edged gold, and others banded with gold. Pkt. 25¢; 1/4 oz. 50¢; oz. \$1.50.

7832 *Grandiflora Hybrida*. Choice mixed, large flowers. Pkt. 10¢; 1/4 oz. 30¢; oz. \$1.00.

7834 *Grandiflora Maxima*. Yellow. Pkt. 15¢; 1/4 oz. 50¢; oz. \$1.50.

7836 *Grandiflora Superba*. Yellow and red. Pkt. 15¢; 1/4 oz. 50¢; oz. \$1.50.

7838 *Grandiflora*, The King. A seedling from Lady Rolleston. Vivid crimson centre, wide yellow margin; a splendid variety. Pkt. 25¢.

For Annual Varieties, see page 59.

GALEGA

Ornamental plants with spikes of pea-shaped flowers; suitable for borders or cutting. 2 1/2 feet.

7842 *Officinalis*. Purple. Pkt. 10¢; 1/4 oz. 20¢; oz. 75¢.

7844 *Officinalis alba*. Pure white. Pkt. 10¢; 1/4 oz. 30¢; oz. \$1.00.

GENTIANA

A dwarf-growing native Perennial with very bright blue flowers.

7848 *Acaulis* (Blue Gentian). 1/2 foot. Pkt. 15¢; 1/8 oz. \$1.00.

7850 *Cruciata*. Light blue. 1 foot. Pkt. 15¢; 1/8 oz. \$1.00.

GEUM

Fine herbaceous plants, well adapted for the hardy border. They produce an abundance of flowers suitable for cutting. 1 1/2 feet.

7855 *Coccineum*. Improved large flowered, bright scarlet. Pkt. 10¢; 1/4 oz. 50¢.

7857 *Heldreichii*. Large orange flowers, fine for rock gardens. Pkt. 25¢.

7859 *Japonicum Atrosanguineum*. The flowers are of deep orange-scarlet and semi-double. Pkt. 20¢; 1/8 oz. 50¢.

7861 *Mrs. Bradshaw*, Fl. Pl. Very large double flowers of the brightest scarlet colour; an excellent variety. Pkt. 25¢; 1/8 oz. 75¢.

GRASSES — Ornamental

Many of the ornamental grasses have a light graceful habit and are very effective in the hardy border or for groups on lawns.

7865 *Arundo Donax* (Great Reed). Drooping foliage; tall and stately. Pkt. 10¢.

7867 *Erianthus Ravennae* (Plume Grass). Very ornamental. Pkt. 10¢.

7869 *Eulalia Japonica Variegata*. Handsome for table decoration; beautifully variegated. Pkt. 15¢.

7871 *Eulalia Japonica Zebrina* (Zebra Grass). So-called from cross stripes of yellowish-white at intervals on dark green leaves. Pkt. 15¢.

7873 *Gynerium argenteum* (Pampas Grass). Beautiful silver plumes. Pkt. 10¢.

7875 *Panicum altissimum*. Of fine habit and striking appearance. Pkt. 10¢.

7877 *Stipa elegantissima* (Feather Grass). Light and attractive appearance. Pkt. 10¢.

7879 *Stipa Pennata*. Fine for cutting for bouquets. Pkt. 10¢. For Annual Varieties, see page 60

GYPSOPHILA — Baby's Breath

A most graceful plant, excellent for the border. Numerous small flowers in featherly panicles. Very useful for cutting.

7882 *Paniculata*. Large flowers, fine for bouquets. Pkt. 10¢; 1/4 oz. 35¢; oz. \$1.00.

7884 *Paniculata*, Fl. Pl. Seeds offered of this variety produce about 70% double flowering plants. This is a rare addition to the hardy Perennials and is highly recommended. Pkt. 25¢; 1/3 oz. \$1.00.

7886 *Rokejeka*. Tall strong grower — delicate rosy pink flowers. Pkt. 15¢; 1/4 oz. 50¢; oz. \$1.50. For Annual Varieties, see page 60

HEATHER — Calluna Vulgaris

Heather is a very handsome small shrub, well adapted to borders, dry slopes and sandy banks. Will also grow well in damp, partly shaded situations. Cut branches keep their life-like appearance for many months.

7890 *Scotch Heather*. Pkt. \$1.00.

**HELENIUM** — Sneezewort

Very showy daisy-like flowers in great profusion. Good among shrubs or back of other perennials. One of the best Autumn flowering hardy plants.

7895 *Autumnale Superbum*. Yellow. 4 feet. Pkt. 25¢; 1/4 oz. \$2.00.

7897 *Bigelowii*. Yellow. 4 feet. Pkt. 10¢; 1/4 oz. \$1.00.

7899 *Hoopesii*. Orange yellow. 4 feet. Pkt. 10¢; 1/4 oz. \$1.00.

7901 *Riverton Gem*. Large flowers of orange-yellow with dark centre. Pkt. 20¢; 1/4 oz. \$1.00.

HELIANTHUS — Sunflower

The Hardy Sunflowers are one of the best perennial plants. The flowers in shades of yellow are borne freely and are useful for cutting.

7906 **Maximiliana.** A stately plant with narrow foliage and very large single flowers. Good among shrubs. Yellow. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

7908 **Mollis.** Single, light yellow flowers and silvery white foliage. Good for cutting. 6 feet. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.00.

7912 **Rigidus.** One of the best yellow perennials for cutting. 5 feet. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

For Annual Varieties, see page 70

HELIOPSIS

Pretty branching perennial plants with numerous large yellow blossoms, resembling sunflowers. Fine for cutting; blooms all Summer. 3 to 4 feet.

7916 **Golden Sun.** Golden yellow. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

7917 **Pitcheriana.** Yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

HELLEBORUS — Christmas Rose

Hardy perennial plants that can be easily forced under glass and made to bloom at any desired time during the Winter. They have large divided leaves and cup-shaped flowers about $2\frac{1}{2}$ inches across.

7920 **Niger.** White. 1 foot. Pkt. 15¢.

7922 **New Hybrids.** Mixed. 1 foot. Pkt. 25¢.

HESPERIS — Sweet Rocket

Old garden favourites, having splendid clusters of fragrant purple and white flowers useful for cutting. 2½ feet.

7925 **Matronalis.** Purple. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

7927 **Matronalis Alba.** White. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

7930 **Mixed.** Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

HEUCHERA — Coral Bells

A very desirable herbaceous Perennial, blooming from Spring until late in the Autumn. Flowers are borne in loose panicles on stout stems well above tufts of heart-shaped leaves; splendid for rock work. 2 feet.

7935 **Sanguinea.** Beautiful coral-red spikes of flowers. Pkt. 20¢; $\frac{1}{4}$ oz. \$1.00.

7937 **Splendens.** Bright crimson scarlet. Pkt. 25¢.

7939 **Breck's Choice Hybrids.** Wonderful collection of new shades. Pkt. 35¢.

HIBISCUS — Mallow

Flowers sometimes 5 inches across, with purple centres. Shrubby in growth. Good among shrubs or in the flower border.

7942 **Moscheutos Albus.** White. 5 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

7944 **Moscheutos Roseus.** 5 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

7946 **Palustris Roseus.** Rose. 4 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

For Annual varieties see page 60

HOLLYHOCK — Althea

Grand Summer-flowering plants bearing long spikes of flowers to a height of six feet and over. These old inhabitants of our gardens, on account of their stately growth, are unexcelled for planting along fences or buildings, or for background effect. They are perfectly hardy and when established will bloom year after year.

CHATER'S DOUBLE-FLOWERED. A magnificent strain remarkable for form and colouring. The flowers are very double and all the well-known colours are represented. Pkt. 20¢; $\frac{1}{4}$ oz. \$1.00. oz. \$3.00.

7950 **Apple Blossom**

7962 **Newport Pink.** Double

7952 **Blush White**

flowers of beautiful pure

7954 **Carmine**

pink

7956 **Crimson**

7964 **Pure White**

7958 **Dark Maroon**

7966 **Rose**

7960 **Lemon Yellow**

7968 **Salmon Pink**

7970 **Breck's Silver Medal, Mixed.** Very choice, contains every desirable colour.

7972 **Chater's Double.** Mixed.

7974 **Collection, Double (12 distinct colours).** Pkt. \$1.00.

BRECK'S SINGLE-FLOWERED. Many people prefer the single-flowered Hollyhock. When covered with their artistic blooms they are very attractive. Pkt. 15¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

7975 **Black**

7983 **White**

7977 **Bright Rose**

7985 **Yellow**

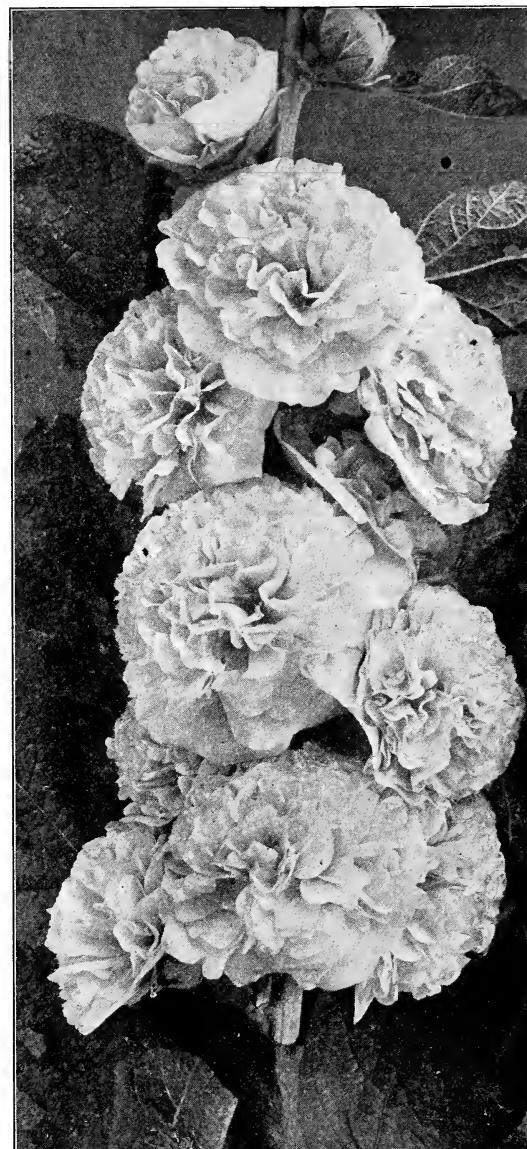
7979 **Crimson**

7987 **Single Mixed.** All

7981 **Delicate Pink**

colours

7989 **Collection Single (6 distinct colours).** Pkt. 50¢.



Hollyhock, Breck's Silver Medal

7990 **Alleghany (New Fringed Varieties).** A new hybrid Hollyhock which develops an abundance of flowers densely covering the elegant flower stalks. The fringed flowers setting at the lower part of the plant from the base up to the middle are nearly double, while those at the upper half are semi-double and single flowering. Finest Mixed. All colours. Pkt. 15¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

For Annual Varieties see page 60

HUMEA

A fragrant, grass-like plant with beautiful drooping foliage.

7995 **Elegans.** Red. 4 to 6 inches. Pkt. 20¢.

HUMULUS — Hop

A good vine for covering arbors, walls, fences, or tree trunks. Leaves rough; young flowers and hops very fragrant. 25 feet.

7998 **Lupulus (Common Hop).** Pkt. 15¢; $\frac{1}{4}$ oz. 60¢.

For Annual Varieties see page 61

INCARVILLEA

A handsome plant with long green leaves and strong stalks bearing large Gloxinia-like flowers.

8002 **Delavayi.** Rose. Pkt. 25¢.

8004 **Grandiflora.** Dark carmine. Pkt. 25¢.

INULA

A common Perennial bearing many Aster-like blossoms; useful for rock work.

8008 *Grandiflora*. Yellow. Pkt. 25¢.
IRIS

This variety is now extensively grown in the hardy garden. They bloom the second year from seed. The seeds we offer have been saved from named varieties.

8012 *Kaempferi* (Japanese Iris). Mixed. Pkt. 15¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

KUDZU VINE

Remarkably fast-growing vine with large green leaves and clusters of pea-shaped flowers. When well established it will grow from 40 to 60 feet in a season. The plant dies back to the ground in the Winter.

8015 *Pueraria Thunbergiana*. Pkt. 15¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

LATHYRUS LATIFOLIUS — Perennial Pea

The everlasting peas are most valuable hardy perennials. Their culture is very simple and they last a long time in bloom. For covering walls, trellises, or rockeries, as well as for cut flowers, they are most valuable.

8020 *Latifolius Albus* (*White Pearl*). Pkt. 25¢; $\frac{1}{4}$ oz. \$1.25.

8022 *Latifolius Pink Beauty*. Pkt. 20¢; $\frac{1}{4}$ oz. \$1.00.

8024 *Latifolius Splendens*. Red. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

8026 *Latifolius Mixed*. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

LAVENDER — *Lavendula*

An old garden favourite valued for its sweet-scented leaves and flowers.

8030 *Spica* (*Sweet Lavender*). Blue. 2 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

8032 *Vera*. Blue. 1½ feet. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

LIATRIS

Showy flowers in long spikes which are very effective among other Perennials or shrubs. Foliage grass-like. Pkt. 15¢.

8036 *Pyenostachya* (*Kansas Gay Feather*). Rose purple. 3 feet.

8038 *Spicata* (*Blazing Star*). Purple. 1½ feet.

LINUM — Flax

Very attractive in clumps among other Perennials or in the rockery. Foliage delicate; flowers borne on slender, erect stems.

8042 *Flavum* (*Golden Flax*). Yellow. 1 foot. Pkt. 15¢; $\frac{1}{4}$ oz. 75¢.

8044 *Perenne Album*. White. 1½ feet. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

8046 *Perenne Cœruleum*. Blue. 1½ feet. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

8048 *Perennial Sorts, Mixed*. 1 foot. Pkt. 5¢; oz. 50¢.

For Annual Varieties, see page 61

LOBELIA

A lovely hardy plant; particularly good near streams or in moist, shaded places. Flowers in large brilliant spikes.

8052 *Cardinalis* (*Cardinal Flower*). A native variety with spikes of brilliant flowers; succeeds best in rather moist situations. 2 feet. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.00.

8054 *Queen Victoria*. Brilliant scarlet with dark foliage. Pkt. 25¢.

For Annual Varieties, see page 62

LUNARIA — Honesty

Interesting plants with showy purple flowers and transparent, silvery seed-pods, which are very ornamental, and much used for Winter bouquets. Hardy biennial. 2 feet.

8058 *Biennis*. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.

LUPINUS

Leaves Palmate. Flowers pea-shaped, in long spikes. An old garden favourite.

8060 *Arboreus*. Bright yellow, fragrant. Pkt. 15¢; $\frac{1}{4}$ oz. 40¢; oz. \$1.25.

8062 *Arboreus Snow Queen*. Large pure white flowers 3 feet. Pkt. 25¢; $\frac{1}{4}$ oz. 75¢.

8064 *Polyphyllus Blue*. Pkt. 5¢; $\frac{1}{4}$ oz. 20¢; oz. 50¢.

8066 *Polyphyllus Roseus*. Very pretty rose shade. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

8068 *Polyphyllus White*. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

8070 *Polyphyllus Yellow*. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.50.

8072 *Polyphyllus Mixed*. Pkt. 5¢; oz. 50¢.

For Annual Varieties, see page 62

LYCHNIS

Very striking Perennials having many brilliantly coloured flowers borne on long stems. Splendid for cutting.

8075 *Arkwrightii*. A cross between *Lychnis Chalcedonica* and *Haageana*, resulting in flowers different and better than either parent. Has the upright habit of the former with the flower form of the latter, but greatly improved. Covered with blooms of rich, effective colours. Pkt. 25¢; $\frac{1}{8}$ oz. \$2.00.



Lupinus

8077 *Chaleedonica*. (*Jerusalem Cross*). Scarlet. 2 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

8079 *Chaleedonica Alba*. White. 2 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

8081 *Chaleedonica Mixed*. 2 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

8083 *Flos Cuculis* (*Ragged Robin*). Pink. 2 feet. Pkt. 15¢; $\frac{1}{8}$ oz. 50¢.

8085 *Fulgens*. Scarlet. 1 foot. Pkt. 15¢; $\frac{1}{8}$ oz. 50¢.

8087 *Haageana Hybrida*. Mixed. 1 foot. Pkt. 15¢; $\frac{1}{8}$ oz. 50¢.

LYTHRUM — Loose Strife

Foliage willow-like; flowers in graceful spikes. Good in the bog-garden or along streams.

8090 *Roseum Superbum*. Rosy purple. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

MALVA — Mallow

Large, showy flowers growing well in almost any good garden soil, and blooming all Summer.

8095 *Alcea* (*Hollyhock Mallow*). Rose. 3 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

8097 *Moschata* (*Musk Mallow*). Rose-coloured. 2 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

8099 *Moschata Alba*. White. 2 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

MIMULUS — Monkey Flower

A genus of handsome, profuse-flowering plants, with singularly shaped and brilliant-coloured flowers.

8102 *Cardinalis*. Scarlet. 1½ feet. Pkt. 25¢.

8104 *Tigrinus*. Fine spotted varieties. Pkt. 25¢.

For Greenhouse Varieties, see page 88.

MONARDA — Bee Balm

An aromatic herb having showy bright red flowers. Moist, shady locations are most suitable. 2 feet.

8108 *Didyma*. Pkt. 25¢.

MYOSOTIS — Forget-me-not

Plants of the Forget-me-not can be flowered first season from seed if started early in the Spring. Especially suitable for border and bedding, producing little blue star-like flowers early in the Spring.

8112 *Alpestris Alba*. White. $\frac{1}{2}$ foot. Pkt. 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

8114 *Alpestris Cœrulea*. Blue. $\frac{1}{2}$ foot. Pkt. 10¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

8116 *Alpestris Rosea*. Rose. $\frac{1}{2}$ foot. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.00; oz. \$3.00.

8118 *Alpestris Victoria*. A beautiful variety of dwarf bushy habit, bearing a profusion of large flowers. $\frac{1}{2}$ foot. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.25; oz. \$4.00.

8120 *Alpestris Mixed*. 1 foot. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

8122 *Azorica Alba*. White. 1 foot. Pkt. 25¢.

8124 *Azorica Cœrulea*. Double blue. 1 foot. Pkt. 25¢.

8126 *Falustris Semperflorens*. True water forget-me-not. Bright blue. $\frac{1}{2}$ foot. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.50.

8128 *Royal Blue*. $\frac{1}{2}$ foot. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.25.

8130 *Striata Alba*. White. $\frac{1}{2}$ foot. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.00.

8132 *Striata Cœlestina*. Blue. 1 foot. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.00.

8134 *Striata Rosea*. Rose. 1 foot. Pkt. 10¢; $\frac{1}{4}$ oz. \$1.00.

8137 *Star of Love*. Very dwarf blue, dark green foliage. Pkt. 25¢.

ENOTHERA — Evening Primrose

Vigorous in growth, with decumbent, slender branches. These are completely covered with single flowers which are about $4\frac{1}{2}$ inches across. Particularly good for the rockery.

8140 *Afterglow*. Clear yellow with bright red calyx; the flowers remain expanded in brightest sunshine. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

8142 *Fraseri*. Yellow. $1\frac{1}{2}$ foot. Pkt. 15¢; $\frac{1}{8}$ oz. 75¢.

8144 *Lamarekiana*. Pkt. 10¢; $\frac{1}{4}$ oz. 35¢.

8146 *Youngii*. A very showy variety with large bright yellow flowers all Summer. Pkt. 15¢; $\frac{1}{8}$ oz. 75¢.

8148 *Perennial Varieties Mixed*. Pkt. 10¢.

For Annual Varieties, see page 64

PEONY

A well-known Perennial especially suitable for massing, and for combination with shrubbery. 2 feet.

8152 *Double Mixed*. Pkt. 25¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

8154 *Single Mixed*. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

PENTSTEMON

A most useful and ornamental class of Perennials. For mixed borders or massing in beds they have few rivals. They have a wonderful range of colours with penciled throats.

8160 *Digitalis*. Spotted; magnificent large flowers. Pkt. 10¢; $\frac{1}{8}$ oz. 50¢.

8163 *Breck's Giant Hybrids*. Seeds saved from the largest flowers. Having a wide range of bright colours including rose, pink, lavender, crimson, purple, etc., seeds sown in heat in January or February will bloom the same year. Pkt. 25¢.

For Annual Varieties, see page 65

PHLOX

The perennial Phloxes are among the best known and most satisfactory garden plants.

8168 *Decussata Mixed*. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.00.

8170 *Decussata Nana Mixed*. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.00.

For Annual Varieties, see page 66

PHYSOSTEGIA — False Dragonhead

Elegant bushy plants suitable for the border, bearing spikes of pink, white, purple, and red flowers throughout the season. Excellent for cutting. 2 feet.

8175 *Virginica*. Rose pink. Pkt. 10¢; $\frac{1}{4}$ oz. 75¢.

8177 *Virginica Grandiflora Alba*. White. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

PLATYCODON — Balloon Flower

Numerous bell-shaped flowers on erect stalks. Bushy in habit and very showy. Flowers resemble somewhat Canterbury Bells.

8190 *Grandiflora Cœrulea*. Blue. Pkt. 10¢; $\frac{1}{8}$ oz. 50¢.

8192 *Grandiflora Alba*. White. Pkt. 10¢; $\frac{1}{8}$ oz. 50¢.

8193 *Mariesi*. Dwarf large-flowered blue. Pkt. 15¢; $\frac{1}{8}$ oz. 75¢.

8194 *Mariesi Alba*. White. Pkt. 15¢; $\frac{1}{8}$ oz. 75¢.

POLEMONIUM — Jacob's Ladder

A handsome border plant, with feathery fern-like foliage and clusters of bell-shaped flowers. 2 feet.

8195 *Flavum*. Yellow. Pkt. 15¢.

8197 *Grandiflorum Album*. White. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

8199 *Grandiflorum Cœruleum*. Blue. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

8201 *Richardsonii*. Double blue. Pkt. 15¢; $\frac{1}{4}$ oz. 60¢; oz. \$2.00.

POPPY — Papaver

The large-flowering perennial Poppies are among the very handsomest plants in the garden. Large clumps of them have a magnificent effect in shrubberies, in grass, and for naturalizing.

ALPINUM. A charming little Poppy with bright flowers resembling those of *Papaver Nudicaule* but dwarfer. Splendid for sunny borders or rock-work. 1 foot.

8206 *Fringed Mixed*. Beautiful fringed varieties. Pkt. 25¢.

8208 *Mixed*. Pkt. 15¢.

NUDICAULE (Iceland Poppy). This beautiful dwarf perennial Poppy, if sown early in the season will flower the same year. The bright and showy blossoms are borne on slender stems.

8215 *Album*. White. Pkt. 25¢; $\frac{1}{4}$ oz. 75¢.

8217 *Aurantiacum*. Orange-scarlet. Pkt. 25¢; $\frac{1}{4}$ oz. 75¢.

8219 *Coccineum*. Double scarlet. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.00.

8221 *Luteum*. Double Yellow. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.00.

8225 *Striped*. Pkt. 25¢; $\frac{1}{4}$ oz. 75¢.

8227 *Yellow*. Pkt. 25¢; $\frac{1}{4}$ oz. 75¢.

8229 *Single Mixed*. Pkt. 25¢; $\frac{1}{4}$ oz. 75¢.

ORIENTALE. We are now able to offer an entirely new range of colours in the following varieties:

8235 *Apricot Queen*. Pkt. 25¢.

8237 *Beauty of Livermere*. Crimson with dark blotch. Pkt. 25¢; $\frac{1}{4}$ oz. \$1.00.

8238 *Braeateatum*. Orange-scarlet. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

8239 *Mrs. Perry*. Orange-apricot, a beautiful shade. Pkt. 25¢.

8241 *Orientale*. Orange-scarlet flowers, having a conspicuous black blotch on each petal. 2 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 60¢.

8243 *Orientale Hybrids*. Splendid mixture. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

8245 *Parkmanni*. Deep scarlet. 2 feet. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00.

8247 *Queen Alexandra*. Rosy salmon with Crimson blotch. Pkt. 25¢.

8249 *Salmon Queen*. Rich salmon-yellow. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.00.

For Annual Varieties, see page 67

POTENTILLA

Very useful border plants with handsome foliage and showy flowers. 1½ feet.

8255 *Double Mixed*. Pkt. 25¢.

8257 *Single Mixed*. Pkt. 10¢.

PRIMULA — Primrose

These hardy flowers require protection during the Winter. They do best in a northern exposure. All are very beautiful and useful for garden and pot culture.

8262 *Auricula Alpina*. Mixed. Flowers in clusters. Foliage coarse and dense; good for the border or rock-garden where protection can be given in Winter. $\frac{1}{2}$ foot. Pkt. 25¢.

8263 *Breck's Giant Blue*. Pkt. 50¢.

8264 *Japonica* (Japanese Mixed). 2 feet. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.00.

8266 *Veris Giant Fancy* (*Polyanthus*). Mixed. The earliest of the primroses to bloom. Flowers in loose clusters, large and very fragrant. Good under trees, particularly on sheltered hillsides, or in the rock-garden. 1 foot. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.50.

8268 *Veris Gold Laced*. Yellow. 1 foot. Pkt. 25¢.

8270 *Veris Elatior* (*Cowslip*). Mixed. 1 foot. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.00.

8272 *Yellow English* (*Vulgaris*). Pkt. 15¢; $\frac{1}{8}$ oz. \$1.00.

8274 *Mixed Hardy Sorts*. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.00.

For Greenhouse Varieties see page 88

PYRETHRUM

Very beautiful hardy Perennials with large, showy flowers and fine-cut foliage. Very desirable for beds and borders and useful as cut flowers.

8280 *Atrosanguineum*. Red. 2 feet. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.00.

8282 **Roseum Double Hybrids Mixed.** Saved from the finest named varieties; splendid for cut flowers. 2 feet. Pkt. 25¢; $\frac{1}{8}$ oz. 3.00.

8284 **Roseum Single Hybrids Mixed.** Most effective in the border for their vivid colours and long lasting blooms. 2 feet. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.25.

8286 *Uliginosum*. White. 3 feet. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.00. For Annual Varieties see page 67

ROSE

Beautiful varieties of Roses can be raised from seed and can be flowered outside in beds or in pots.

8292 *Multiflora Nana* (*Dwarf Polyanthus Rose*). Flowers first season from seed. Pkt. 25¢.

8294 **Hybrid Perpetual Mixed.** Saved from the choicest collection, producing about 75% of really fine double flowers. Pkt. 25¢.

RUDBECKIA — Cone Flower

Strong, robust-growing plants, popular for borders. They are of very easy culture and flower all Summer and late Autumn.

8300 *Fulgida*. Shades of yellow. 4 feet. Pkt. 15¢; $\frac{1}{4}$ oz. 75¢.

8302 *Newmanni*. Yellow with maroon centre. 3 feet. Pkt. 15¢; $\frac{1}{4}$ oz. 75¢.

For Annual Varieties see page 68

SVALIA — Meadow Sage

Flowers in large spikes, very showy. Foliage coarse and downy. A good border plant.

8304 *Argentea*. Fine silvery foliage. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢.

8306 *Pratensis*. Large spikes of rich blue flowers. Pkt. 15¢; $\frac{1}{4}$ oz. 50¢.

For Annual Varieties see page 68

SCABIOSA

A very free-flowering Perennial with semi-double, daisy-like flowers about $2\frac{1}{2}$ inches across. A good border plant.

8310 *Caucasica Alba*. A beautiful variety with large, pure white flowers. Pkt. 25¢; $\frac{1}{8}$ oz. \$1.25.

8312 *Caucasica Cerulea*. A splendid variety similar to the preceding, having light blue flowers. Pkt. 15¢; $\frac{1}{8}$ oz. 75¢.

8314 *Japonica*. Very desirable hardy sort with delicate lavender-blue flowers borne on long slender stems. Pkt. 15¢; $\frac{1}{8}$ oz. 60¢.

For Annual Varieties see page 69

SENECIO

A handsome perennial with rich orange-yellow flowers and large leaves. Well adapted to growing by the sides of lakes and streams. 4 feet.

8320 *Clivorum*. Pkt. 25¢.

SIDALCEA

A fine hardy plant for the border bearing long spikes of flowers. Each plant develops a sheaf of spikes 5 to 6 feet high, well-furnished with beautiful rose-coloured flowers during June and July.

8325 *Rose Queen*. Pkt. 25¢.

SOLIDAGO — Goldenrod

Hardy perennial producing large heads of deep golden-yellow flowers, often more than a foot long, blooms late in Summer. 3 feet.

8330 *Latifolia*. Pkt. 10¢; $\frac{1}{4}$ oz. 25¢; oz. 75¢.

STACHY'S — Lambs' Ears

Hardy perennial with silvery-white leaves, much used in ribbon borders and edgings. $1\frac{1}{2}$ feet.

8335 *Lanata*. Pkt. 10¢; oz. \$1.00.

STATICE — Sea Lavender

Beautiful tiny flowers in large spreading sprays. Foliage dark green and leathery. One of the best Perennials for cutting, also good in the border or rock-garden.

8340 *Gmelini*. Light Blue. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

8342 *Latifolia*. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

8344 **Mixed.** Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

For Annual Varieties see page 69

STOKESIA — Cornflower Aster

A most beautiful and charming hardy Perennial, easily raised from seed, and flowering the first year if started early. The plant grows about 2 feet high.

8350 *Cyanea Alba*. White. Pkt. 15¢; $\frac{1}{8}$ oz. \$1.00.

8352 *Cyanea Lavender*. Pkt. 10¢; $\frac{1}{8}$ oz. 50¢.

8354 *Cyanea Mixed*. Pkt. 10¢; $\frac{1}{8}$ oz. 50¢.

SWEET WILLIAM**Dianthus Barbatus**

Popular hardy biennials of easy culture extensively used in old-fashioned gardens, flowers of brilliant colours borne in large clusters, fine for cutting. $1\frac{1}{2}$ feet.

8360 **Breck's Auricula-Eyed Choice Mixed.** Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

8362 **Crimson.** Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

8364 **Holborn Glory.** A mammoth strain of the most perfectly formed and largely developed flowers. The markings are regular with well defined centres. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

8366 **Newport Pink.** Colour watermelon-pink, fragrant. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.00; oz. \$3.00.

8368 **Pink Beauty.** Improved deep pink. Pkt. 15¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

8370 **Salmon Pink.** Pkt. 20¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

8372 **Scarlet Beauty.** The colour is a distinct shade of rich scarlet, very effective in borders where the shade is uncommon. Pkt. 20¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

8374 **White.** Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.00.

8376 **Double Mixed.** Pkt. 15¢; $\frac{1}{4}$ oz. 75¢; oz. \$2.50.

8378 **Single Mixed.** Pkt. 10¢; $\frac{1}{4}$ oz. 35¢; oz. \$1.00.

For Annual Variety see page 58

THALICTRUM

A fine herbaceous plant very useful for mixing with cut flowers.

8383 **Adiantifolium.** Graceful fern-like foliage. Pkt. 15¢.

8385 **Dipterocarpum.** Handsome sprays of rosy purple flowers, golden anthers. Pkt. 50¢.

TRITOMA — Red-Hot-Poker Plant

Early in Autumn these unique and striking plants produce tall, pyramidal spikes of blazing red, tubular flowers. Half-hardy perennial.

8390 **Express.** Scarlet. Pkt. 20¢; $\frac{1}{4}$ oz. \$1.00.

8392 **Uvaria Grandiflora.** Scarlet. Pkt. 15¢; $\frac{1}{8}$ oz. 75¢.

TROLLIUS — Globe Flower

An excellent hardy Perennial having finely divided deep green foliage, and large globular flowers borne on stout stems. A good border plant, excellent for cutting. $1\frac{1}{2}$ feet.

8398 **Caucasius.** Orange. Pkt. 25¢.

8400 **Europaeus (Double Buttercup).** Yellow. Pkt. 15¢; $\frac{1}{8}$ oz. 50¢.

8402 **Mixed.** Pkt. 15¢; $\frac{1}{8}$ oz. 50¢.

VALERIANA

One of the most highly prized old-fashioned hardy Perennials. In Spring it bears dense clusters of small heliotrope-scented flowers. 4 feet. Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

8406 **Red** 8408 **White** 8410 **Mixed.**

VERONICA — Speedwell

Splendid hardy plants which bear unusually long spikes of small, showy flowers during August and September.

8415 **Longifolia.** Blue. Pkt. 10¢; $\frac{1}{8}$ oz. 40¢.

8417 **Spicata.** Violet Blue. Pkt. 15¢; $\frac{1}{8}$ oz. 50¢.

VIOLET — Viola Odorata

Pretty free-blooming, hardy violets with large fragrant flowers. Only single varieties can be raised from seed.

8420 **Odorata Semperflorens.** Dark Blue. Pkt. 25¢.

8422 **The Czar.** Violet Blue. Pkt. 35¢.

8424 **White Czar.** Pure white. Pkt. 35¢.

8426 **Mixed.** Pkt. 15¢.

WALLFLOWER — Cheiranthus

An old garden favourite, blooming in the Spring; much prized for its pretty fragrant flowers, which range from brown to yellow. 1 foot.

8430 **Brilliant.** The brightest of blood red. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

433 **Cloth of Gold.** Deep yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

8436 **Eastern Queen.** Bright chamois changing to red. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

8439 **Ivory White.** Produces fine white spikes. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

8441 **Primrose Dame.** Clear primrose yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

8444 **Vulcan.** Rich velvety crimson. Pkt. 15¢; $\frac{1}{4}$ oz. 60¢.

8447 **Single Mixed.** Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

8450 **Double Mixed.** Pkt. 25¢; $\frac{1}{4}$ oz. \$1.50.

84541 **Collection (6 varieties).** Pkt. 50¢.

For Annual Varieties, see page 75

YUCCA — Adam's Needle

Showy plants with long, narrow sword-like leaves and tall branching stalks of bell-shaped flowers. Very effective when planted in masses and among other Perennials.

8455 **Filamentosa.** Creamy white. Pkt. 25¢.

FLOWER SEEDS for GREENHOUSE CULTURE

For complete list of Annuals see page 48 and for Hardy Perennials see page 76
TENDER GREENHOUSE PLANTS

The seeds of these plants are very minute in most cases, and require great care and delicate handling to prevent failure. They should be sown in pans, in soil in which sufficient sand has been mixed to keep it from caking. In the case of many varieties such as Begonias, Streptocarpus, Calceolarias, etc., no attempt should be made to cover the seed: it should be simply pressed into the surface, after which it should be sprayed with tepid water, and a glass placed over it to prevent too much evaporation; but as soon as the plants are up, see that they are ventilated or they will soon become mouldy and soft. On no account must they be left in the sun, as shade and moisture are the two principal conditions required for success. As soon as the young plants show their two seed leaves, they should be carefully pricked out into boxes, care being taken not to damage the roots. Many minute plants from the finer seeds are destroyed by drenching them with water—a vaporizer or sprayer should be used for watering.

ABUTILON

Free-flowering greenhouse shrubs excellent for conservatory decoration and for bedding out of doors in the Summer. Seeds sown indoors in February or March produce flowers the same season. Tender perennial. 5 feet.

8500 Breck's Choice Hybrids Mixed. Pkt. 25¢.



ACACIA

Tender perennial shrub with graceful branches and sweet-scented flowers. 8 to 10 feet. Acacia seeds should be slightly chipped, placed in tepid water and left to soak 24 hours.

8510 **Baileyana.** Quick-growing Acacia, flowering the second year from seed. Fine long flower sprays, excellent for cutting. Pkt. 25¢.

8512 **Dealbata.** Golden-yellow ornamental foliage, large, silvery and fern-like. Pkt. 15¢.

ACHIMENES

Fine Summer-flowering tender greenhouse perennial; valuable for pots or hanging baskets. The flowers vary considerably in size and are of the richest colours.

8520 **Choice Mixed.** Pkt. 50¢.

AGATHEA — Blue Marguerite

Tender perennial with small daisy-like flowers. Very useful for pot culture. 2 feet.

8525 **Cœlestis.** Blue with yellow centre. Pkt. 15¢.

ANTIRRHINUM — Snapdragon

The following good greenhouse varieties we consider the best for use under glass; treated for winter-flowering they will produce flower stems a yard long; invaluable for cutting.

8535 **Giant Yellow.** Golden-yellow. Pkt. 60¢.

8538 **Golden Pink Queen.** Golden-pink. Pkt. \$1.00.

8541 **Keystone.** Delicate pink. Pkt. 60¢.

8544 **Nelrose.** A beautiful shade of silvery pink. Pkt. 60¢.

8547 **Phelps White.** Very free-flowering, pure white. Pkt. 60¢.

8550 **Silver Pink.** True silver pink. Pkt. \$1.00.
For other varieties of Antirrhinum, see page 49

ARALIA

Easily grown plants with bright green foliage, very useful as house plants.

8560 **Moseri.** A stronger grower with foliage more graceful than Sieboldii. Pkt. 35¢.

8564 **Sieboldii.** Large green leaves which resemble Ricinus. Pkt. 25¢.

(New crop seeds ready in April.)

ASPARAGUS

Elegant greenhouse plants for hanging baskets or for cutting for bouquets and table decorations.

8570 **Decumbens.** This variety produces long tremulous sprays of delicate foliage. Splendid for hanging baskets. Pkt. 25¢.

8573 **Plumosus Nanus.** Valuable for hanging baskets and table decorations on account of its graceful finely cut foliage. Pkt. 25¢; for 100 seeds \$1.25.

8576 **Sprengeri.** Valuable as a pot plant for conservatory decoration. Very useful for bouquets, wreaths or sprays. Pkt. 25¢; oz. \$1.00.

BEGONIAS — For Hanging Baskets

This magnificent class of plants has been improved in late years; for greenhouse and conservatory decorations they make a splendid display as they are very light and graceful in appearance.

8580 **Breck's Superb Mixture.** Pkt. \$1.00.
BEGONIA REX (Ornamental Leaved).

8582 **Breck's Hybrids.** Handsome foliage plants showing great diversity in form, as well as in the colouring of the leaves. Fine specimens may be grown from seed in five months. Pkt. \$1.00.

BROOM

Splendid decorative plants for greenhouse and conservatory.

8585 **Andreana.** Scarlet and yellow. Pkt. 15¢.

8588 **White Gem.** Pure white flowers borne on long upright stems, excellent for Winter-flowering and decorative purposes. Pkt. 15¢.

CALCEOLARIA

Ornamental conservatory and house plants bearing numerous pocket-like flowers of brilliant self colours and handsomely spotted. We can strongly recommend our Special Strain for habit, size and marking of flowers.

8595 **Breck's Scotch Prize Mixed.** Grown for us by a specialist, and is a great improvement in these gorgeous plants. Flowers are beautifully blotched and striped in exceedingly rich colours of yellow, maroon, crimson, white, etc. Pkt. \$1.00.

8598 **Clibranii.** A very beautiful form of Calceolaria, the flowers are of deep golden-yellow and produced in great abundance on long slender stems. Pkt. 75¢.

8601 **Dwarf Large-flowered Mixed.** Pkt. 50¢.

8604 **Giant Spotted Mixed.** Pkt. 50¢.

8607 **James's Giant Mixed.** Finest for exhibition. Pkt. 75¢.
8610 **Large-flowered Selfs Mixed.** Comprising a wide range of colours unsurpassed for quality and excellence. Pkt. 50¢.

8613 **Rugosa.** Shrubby for bedding. Mixed. Pkt. 50¢.
For pot-grown plants of Calceolaria, see page 102

CELSIA

8616 *Areturus*. Clear yellow flowers with purple anthers. Very decorative as a conservatory pot plant, flowering in about six months from date of sowing and remaining in bloom the whole season. *Pkt.* 50¢.

8617 *Cretica*. Hardy Perennial, producing on long stems numerous large yellow flowers which continue to open during the entire Summer. An excellent cool greenhouse plant. *Pkt.* 35¢.

CHEIRANTHUS

A valuable hybrid Wallflower for greenhouse decoration; the plants grow to a height of 2 feet, branch freely and each stem carries a long spike of flowers.

8620 *Kewensis*. Primrose and mauve. *Pkt.* 25¢.

CHRYSANTHEMUM

For blooming either outside or in the conservatory. These can be flowered the same year from seed and are splendid for cut flowers or pot plants as they contain a great variety of colour.

8625 *Chinese and Japanese Mixed*. *Pkt.* 25¢.

8627 *Chinese Mixed*. An extra fine variety for greenhouse or Autumn flowering. *Pkt.* 25¢.

8629 *Pompon Mixed*. Very free-flowering with small flowers; very desirable. $2\frac{1}{2}$ feet. *Pkt.* 25¢.

8631 *Comtesse de Chambord (Yellow Paris Daisy)*. $1\frac{1}{2}$ feet. *Pkt.* 25¢.

8633 *Frutescens. (White Paris Daisy)*. An excellent plant for the greenhouse or Summer bedding out-doors. $1\frac{1}{2}$ feet. *Pkt.* 15¢.

8635 *Japanese Mixed*. Extra large double flowers with long twisted petals. *Pkt.* 25¢.

For Annual Varieties, see page 55; for Perennial Varieties, see page 79; for Plants see pages 103, 109 and 110.

CINERARIA

To produce good plants for decorative purposes sow in May or June. These magnificent plants are indispensable for Spring decoration in the conservatory or window garden.

8640 *Breck's Columbia Strain*. Tall Mixed. This includes every conceivable shade of pink, carmine, crimson, and blue as well as pure white. The flowers are of immense size, borne on plants of robust habit. 2 feet. *Pkt.* \$1.00.

8642 *Breck's Columbia. Dwarf Mixed*. Dwarf compact variety about 15 inches high. *Pkt.* \$1.00.

8645 *James Prize*. Choice varieties, mixed. Seed is saved for us by one of the foremost growers in England from prize varieties and contains a magnificent range of colours. *Pkt.* 75¢.

CINERARIA HYBRIDA (Separate shades). *Pkt.* \$1.00.

8650 *Antique Rose* 8655 *Crimson*
8653 *Azure Blue* 8659 *Pure White*

CACTUS-FLOWERED

8662 *Breck's Mixture of new shades*. Large single flowers with narrow petals radiating from a small centre. This new strain contains the most beautiful colour tints. *Pkt.* 50¢.

STELLATA STAR CINERARIA

8665 *Mixed*. A splendid plant for conservatory decoration during the Winter and Spring. The immense heads of flowers are borne on long stalks, the individual blooms are star-shaped. *Pkt.* 50¢.

CLERODENDRON

Attractive greenhouse plant easily grown from seed. The large heads of flowers are as valuable for decoration as the popular Poinsettia.

8670 *Fallax*. Bright scarlet. *Pkt.* 75¢.

CLANTHUS—Glory Pea of Australia

Valuable greenhouse Perennial which can also be flowered in the open.

8675 *Dampieri*. Scarlet and black. *Pkt.* 25¢.

CLITORIA—Blue Pea

A handsome greenhouse climber of easy culture.

8680 *Cœlestis*. *Pkt.* 25¢.

COLEUS—Flame Nettle

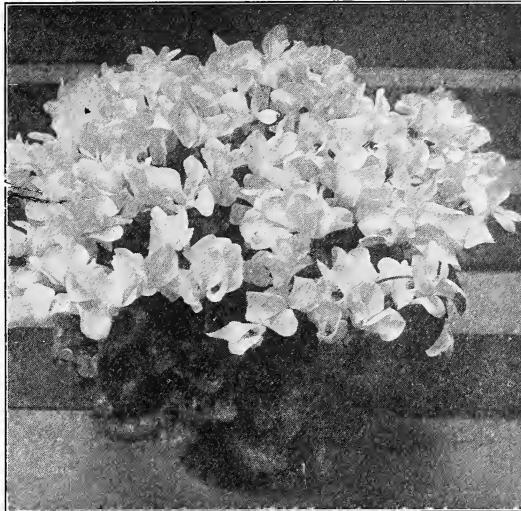
Bedding and greenhouse plants with beautifully coloured foliage. Easily grown from seed. The dwarf, large-leaved strain is especially desirable. The colours range from light to dark red; leaves beautifully marbled and spotted.

8685 *Fringed and blotched*. 2 feet. *Pkt.* 35¢.

8688 *Large-Leaved Varieties*. 2 feet. *Pkt.* 25¢.

8691 *Large-Leaved Dwarf*. 1 foot. *Pkt.* 25¢.

8694 *Choicest Mixed*. Saved from a very choice collection. 2 feet. *Pkt.* 35¢.



Cyclamen. Breck's Imperial Strain

CYCLAMEN

BRECK'S GIANT STRAIN. A superior strain with flowers of largest size and perfect form displayed well above the foliage. Seed may be sown at any time during the Spring or Summer.

8700 *Breck's Imperial Mixed*. Contains all the brilliant colours. *Pkt.* 75¢; for 100 seeds \$2.00.

8703 *Bush Hill Pioneer. Persicum, Mauve*. *Pkt.* \$1.00; for 100 seeds \$3.50.

8706 *Bush Hill Pioneer. Rose*. *Pkt.* \$1.00; for 100 seeds \$3.50.

8709 *Bush Hill Pioneer. Salmon*. *Pkt.* \$1.00; for 100 seeds \$3.50.

8712 *Bush Hill Pioneer. White*. *Pkt.* \$1.00; for 100 seeds \$3.50.

8715 *Cherry Ripe*. Brilliant red. *Pkt.* \$1.00; for 100 seeds \$3.50.

8718 *Mrs. Buckston*. Bright salmon. *Pkt.* \$1.00; for 100 seeds \$3.50.

8731 *Phoenix*. Red. *Pkt.* 75¢; for 100 seeds \$2.50.

8732 *Pink Pearl*. Pale salmon. *Pkt.* \$1.00; for 100 seeds \$3.50.

8733 *Princess May. Giant Rose*. *Pkt.* 75¢; for 100 seeds \$2.50.

8734 *Rose*. Full pink. *Pkt.* 75¢; for 100 seeds \$2.50.

8735 *Salmon King*. Salmon pink. *Pkt.* 75¢; for 100 seeds \$2.50.

8736 *Scented*. Sweet-scented mixed. *Pkt.* \$1.00; for 100 seeds \$3.50.

8737 *Vulcan*. Deep blood red. *Pkt.* 50¢; for 100 seeds, \$2.00.

8739 *White Swan*. Giant white. *Pkt.* 50¢; for 100 seeds \$2.00.

BUTTERFLY CYCLAMEN

8721 *Papilio Mauve*. *Pkt.* 75¢; for 100 seeds \$2.50.

8724 *Papilio Red*. *Pkt.* 75¢; for 100 seeds \$2.50.

8727 *Papilio Rose*. *Pkt.* 75¢; for 100 seeds \$2.50.

8730 *Papilio White*. *Pkt.* 75¢; for 100 seeds \$2.50.

CYPERUS—Umbrella Plant

An Aquatic Plant, the leaves of which are borne on long stems and spread in the form of an umbrella.

8745 *Alternifolius*. *Pkt.* 25¢.

DRACÆNA

Beautiful ornamental foliage plants, useful for greenhouse and sub-tropical decoration; their graceful habit also makes them splendid bedding plants for lawns. Indivisa has narrow, green leaves. The under side of the midrib of Veitchii is a deep red.

8750 *Australis*. Green. *Pkt.* 10¢; $\frac{1}{4}$ oz. 40¢; oz. \$1.50.

8752 *Indivisa*. Green. *Pkt.* 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

8754 *Veitchii*. Red and green. *Pkt.* 25¢; $\frac{1}{4}$ oz. \$1.00; oz. \$3.50.

EUCALPYTUS—Gum Tree

A graceful greenhouse plant of very rapid growth; bluish foliage.

8760 *Globulus*. *Pkt.* 10¢; $\frac{1}{4}$ oz. 50¢.

FERNs

Easily grown greenhouse varieties producing many new forms of various heights with ornamental foliage.

8765 Greenhouse Varieties Mixed. In great variety. Pkt. 25¢.

FRANCOA — Bridal Wreath

A beautiful decorative plant which is of the easiest culture, producing a large number of elegant sprays of pure white flowers.

8770 Ramosa. Pure white. Pkt. 25¢.

FREESIA

The coloured Freesias are one of the novelties of late years. The beautifully tinted flowers are sweet-scented, easily grown; seedlings will bloom in 6 to 7 months after sowing.

8775 Hybrida Ragionieri. Choice mixed. Pkt. 50¢.

FUCHSIA

A handsome bushy plant with numerous bell-shaped flowers.

8780 Hybrida Single Mixed. Pkt. 50¢.

8782 Hybrida Double Mixed. Pkt. 75¢.

GENISTA

A pretty branching plant bearing clusters of pea-shaped flowers.

8785 Canariensis. Bright yellow. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢.

GERANIUM

Elegant greenhouse plants having an immense variety of single and double flowers. Valuable for bouquets and decorative purposes.

8790 Apple Scented. Pink. Pkt. 35¢.

8792 Show Pelargoniums. Mixed. Pkt. 50¢.

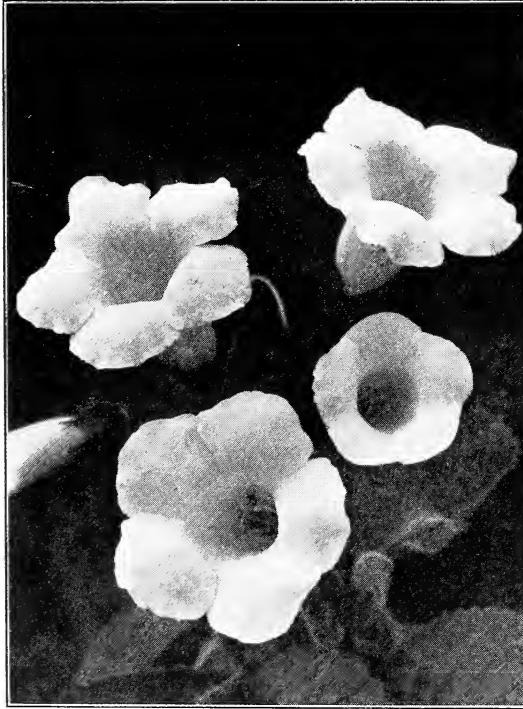
8794 Zonale. Single mixed. Large-flowered hybrids exceptionally good both in size and colour. Pkt. 50¢.

GERBERA — Transvaal Daisy

A handsome plant with large Daisy-like flowers, 3 to 4 inches across, on 12 to 18 inch stems. Unsurpassed as cut flowers on account of their splendid lasting qualities. They are easily grown from seed.

8800 Jamesoni Gigantea. Very handsome large scarlet Marguerite. Pkt. 50¢.

8802 Jamesoni Hybrida. Mixed colours. A much improved strain of Jamesoni. The colours are exquisitely delicate. Pkt. 35¢.



Gloxinia, Breck's Giant Hybrids

GLOXINIA

A magnificent race of Summer-flowering plants. Their rich, velvety green leaves and graceful tubular flowers make them valuable for greenhouse and conservatory decoration. One of our friends, a gardener on a large private estate, has devoted considerable time of late years to the improvement of Gloxinia. The strain is of perfect upright habit, with very large flowers of the most glorious shades. Pkt. \$1.00.

8810 Breck's Giant Hybrids. Mixed. A magnificent strain of Gloxinia, saved from the newest and best sorts; the flowers are immense, of perfect form and beautiful colours.

8812 Azure Blue	8822 Red
8814 Blue Edged White	8824 Spotted
8816 Mauve	8826 White
8818 Pink	8828 White Edged Red
8820 Purple	

For Gloxinia Bulbs see page 90

GREVILLEA — Silk Oak

Fern-like foliage. A fine decorative plant for house and greenhouse; it may be easily grown from seed. 4 feet.

8835 Robusta. Pkt. 10¢; $\frac{1}{4}$ oz. 50¢; oz. \$1.50.

HELIOTROPE

Greenhouse shrub having oval-shaped green leaves and heads of small intensely fragrant flowers that completely cover the plant. They are splendid bedding and pot plants.

8840 Chieftain. Deep purple. 2 feet. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.50.

8843 Snowball. White. 2 feet. Pkt. 25¢.

8846 Giant Hybrids Mixed. 2 feet. Pkt. 15¢; $\frac{1}{4}$ oz. \$1.50.

IMPATIENS — Perennial Balsam

A fine, bushy, greenhouse plant bearing many single brilliant flowers throughout the season. Blooms almost continuously. Pkt. 25¢.

8850 Sultan. Bright rose, profuse and continuous blooming.

8851 Sultan Hybrida. A new variety in a beautiful mixture of colours.

8852 Holstii Hybrids Mixed. A splendid mixture of lovely shades.

8854 Holstii. Vermilion red.

ISOLOMA

Splendid pot plants for the decoration of rooms. Seeds sown from January to March are ready to bloom from July to Winter. The richness of colours is simply startling. The plants are not sensitive to change, and are well fitted for cultivation in rooms.

8860 Breck's New Hybrids. A splendid mixture. Pkt. \$1.00.

LOTUS

An interesting greenhouse plant having a small pea-shaped flower more nearly black than any flower known.

8865 Jacobæus. Brownish Black. Pkt. 25¢.

MAURANDYA

Magnificent, tender climbing perennial having many showy trumpet-shaped flowers. Flowers from seed the first season.

8870 Choice Mixed. 10 feet. Pkt. 15¢.

MIMULUS — Monkey Flower

A genus of handsome, profuse-flowering plants, with singularly shaped and brilliant-coloured flowers. Pkt. 25¢.

8880 Mosehatus Compactus (Musk). The well-known scented variety of musk. Very fine in hanging baskets; tender annual. Flower yellow. $\frac{1}{2}$ foot.

8884 Tigrinus Grandiflora. Beautifully spotted large flowers, choicest mixed. 25¢. Pkt.

MUSA ENSETE

8890 Abyssinian Banana. Of all the plants available to us for sub-tropical effects, this is the most luxuriant. It grows here from 12 to 15 feet high with leaves 6 to 8 feet in length. Seeds sown in January or February produce good plants for Summer bedding. Pkt. 25¢; for 100 seeds \$2.50.

PASSIFLORA — Passion Flower

A handsome rapid-growing vine which bears interesting flowers freely throughout the Summer.

8895 Cœrulea. Blue. 30 feet. Pkt. 15¢; $\frac{1}{8}$ oz. 50¢.

PHORMIUM — New Zealand Flax

An exceedingly handsome and curious plant with variegated sword-shaped leaves and orange-coloured flowers produced on long spikes well above the foliage. A magnificent plant for lawn and greenhouse decoration.

8900 Tenaxfoliis variegatis. Variegated leaves. 8 to 10 feet. Pkt. 25¢.

PRIMULA

BRECK'S SUPERB STRAIN

PRIMULA CHINENSIS (Chinese Primrose). This class of Primula is commonly known as the Chinese Primrose. The seed we offer has been saved from only the most beautiful and perfect blooms, of large and fine substance. They are handsomely and heavily fringed while the colours are most diversified. Pkt. 50¢.

8910 Breck's Superb Giant Mixed. Including the following Giant varieties and many others not catalogued.

8913 Giant Crimson. A gorgeous shade of crimson.

8916 **Giant Magnifica Blue.** The finest blue Primula, very large and beautifully fringed.
 8919 **Giant Pink.** One of the best for indoor decoration, the colour being a delicate carmine-pink.
 8922 **Giant Pink Pearl.** Brilliant rose with immense foliage.
 8925 **Giant Queen Alexandra.** Giant white flowers, $2\frac{1}{2}$ inches across. Petals are very solid and erect.
 8928 **Giant Queen Mary.** A lovely shade of rose-pink.
 8931 **Giant Rubra.** Immense red flowers of great substance.
 8934 **Giant Salmon.** An exquisite colour.
 8937 **Orange King.** Orange-salmon, shaded terra cotta.



Primula Obconica

PRIMULA OBCONICA GRANDIFLORA. The superior quality of our selected strain is acknowledged. It produces exceedingly large and most beautiful flowers of brilliant colours and fine form. The plants are compact and robust in habit, and produce a display of blooms of great substance and beautiful colours. Pkt. 25¢.

8945 Blue 8949 Pink
 8947 Crimson 8951 White
 8953 Choice Mixed

PRIMULA OBCONICA GIGANTEA. A cross between *Primula Obconica Grandiflora* and *Primula Chinensis*, resulting in a Giant type with large dark foliage and sturdy flower spikes. Pkt. 50¢.

8960 **Breck's Giant Hybrids.** Vigorous-growing large flowers in a mixture of many new shades.
 8962 **Gigantea Cœrulea.** Blue.
 8964 **Gigantea Eureka.** Rosy carmine, shaded cerise, clear yellow eye.
 8966 **Gigantea Kermesina.** Crimson.
 8968 **Gigantea Rosea.** Fine rose.
 8970 **Gigantea Oculata.** Auricula-eyed.

PRIMULA MALACOIDES. A greatly improved type. The plants branch very freely; the flowers are borne in whorls on long stems. Grown in a greenhouse it can be had in bloom in four months from sowing.

8975 **Alba.** White. Pkt. 50¢.
 8978 **King Albert.** This novelty is a welcome addition to this family. The colour is quite distinct, being a soft rose. Plants quite robust and very free-flowering. Pkt. \$1.00.
 8981 **Lilac.** Pkt. 25¢.
 8984 **Rosea.** Pkt. 50¢.

OTHER VARIETIES OF PRIMULA

8990 **Floribunda.** Showy primrose yellow, excellent for Winter blooming in pots. Pkt. 50¢.
 8994 **Forbesii.** A charming little Primula with rosy lilac flowers, it is very free-blooming and resembles *Primula Obconica*; can be had in bloom 3 months after sowing. Pkt. 50¢.
 8998 **Kewensis.** Bright yellow. Flowers nearly 1 inch in diameter. A splendid Winter-flowering plant. Pkt. 50¢.
 9000 **Stellata (Mixed Star).** Our strain of this new and free-flowering Primula is unsurpassed; for cutting and pot culture they are unequalled. Pkt. 75¢.

SAINTPAULIA
One of the most charming plants introduced in late years. Useful for greenhouse or table decoration; blooms all Winter.

9005 **Ionantha.** Dark violet blue, golden-yellow anthers. Pkt. 50¢,

SENECIO

Bright rosy-mauve flowers with yellow centre; very free-flowering, valuable cool greenhouse or Summer bedding plants.

9008 **Multibracteatus.** Pkt. 50¢.

SMILAX

A handsome greenhouse climbing vine with delicate, dark green foliage; very useful for decorative purposes.

9010 **Myrsiphyllum Asparagoides.** Pkt. 10¢; $\frac{1}{4}$ oz. 30¢; oz. \$1.00.

SOLANUM

Extremely beautiful plants of compact, branching habit, producing numerous brilliant berries set among ornamental green leaves.

9015 **Capsicastrum (Jerusalem Cherry).** Orange. Pkt. 10¢.

9018 **Clevelandii (Cleveland Cherry).** Improved strain. This is a larger and better fruiting variety than the old type. Excellent when grown as a red-berried plant for Thanksgiving and Christmas. Pkt. 25¢.

9021 **Wetherell's Hybrids.** Red shades. Pkt. 15¢.

STEVIA

Exceedingly beautiful and useful plants producing graceful sprays of tiny flowers. Largely cultivated by florists for Winter bouquets. Good for pot culture.

9030 **Eupatoria.** White. Pkt. 25¢

9032 **Purpurea.** Pkt. 10¢.

9033 **Serrata.** White. Pkt. 15¢.

STREPTOCARPUS

A highly decorative greenhouse plant very free-flowering. The plants grow about 9 inches high and produce a great variety of trumpet-shaped flowers.

9045 **Breck's New Giant Mixed.** Without doubt one of the finest strains of this beautiful plant ever sent out, including the charming varieties raised and shown by Mr. Edwin Beckett, and a fine selection of some of the best hybrids, embracing the newer and rarer shades of red and the clear-throated varieties. Pkt. 50¢.

SWAINSONIA

Sweet-Pea like flowers suitable for pot culture or bedding.

9050 **Grandiflora.** Mixed. Pkt. 50¢.

TRACHELIUM

Showy blue flowers. An interesting plant for greenhouse decoration producing large feathery heads of flowers.

9055 **Cœruleum.** Blue. Pkt. 15¢.

Autumn Planting

Make Springtime Early
in Your Garden

Hyacinths
Tulips, Crocus
Narcissi

Planted this Autumn will give you the first flowers of Spring almost as soon as the frost is out of the ground.

Send for Catalogue of Holland Bulbs
which we issue in the Summer

SUMMER FLOWERING BULBS & ROOTS

ACHIMENES

Profuse-blooming tender perennials for greenhouse or conservatory decoration during Summer. Doz. \$3.00; per 100, \$20.00.
Galathea, Imp. Deep blue.
Magnifica. Deep blue, light centre.
Margherita. Pure white.
Purity, New. White flowers 2 inches across.
Supreme. Delicate mauve.
Swansonia. Light blue, mottled dark.
Verschaffeltii. White, veined blue.

ACIDANTHERA BICOLOR

Valuable Cape bulbs, each stalk having from 4 to 8 beautiful creamy white, fragrant flowers, with a purple-maroon blotch at the base of the petals. Each 25¢; doz. \$2.50; per 100 \$17.50.

AGAPANTHUS

Umbellatus (*Blue Lily of the Nile*). A splendid ornamental plant, bearing clusters of bright, blue flowers. Each, 75¢; doz. \$7.50.
Umbellatus Albus. A white-flowering variety. Each, 75¢; doz. \$7.50.

AMARYLLIS

•**Breck's Hybrids.** Free-flowering habit and enormous size, colours varying from crimson to orange-scarlet, light rose to white, many combinations in stripes and variegations. Each, \$1.00; doz. \$10.00.

Formosissima (*Jacobean Lily*). Early-blooming, vivid crimson. Each, 25¢; doz. \$2.50; per 100 \$17.50.

Hallii (*Hardy Amaryllis*). Beautiful lily-shaped flower, 3 to 4 inches across and from 8 to 12 in number, of a delicate lilac-pink shaded clear blue; very useful for the border or amongst shrubbery. Each, 50¢; doz. \$5.00.

Johnsonii. Large crimson and white flowers. Each, 75¢; doz. \$7.50.

Reginii. Soft light scarlet with pure white centre. Each, 50¢; doz. \$5.00.

Zephyranthes Candida. Pure white, very free-flowering. Doz. \$1.00; per 100, \$8.00.

Zephyranthes Rosea. Beautiful clear rose, large handsome flowers. Each, 20¢; doz. \$2.00; per 100, \$15.00.

Zephyranthes Striata. Pink and white flowers. Each, 10¢; doz. \$1.00; per 100, \$8.00.

BEGONIAS

TUBEROUS-ROOTED

Single Begonias. Vari-coloured flowers of great beauty, 4 inches or more across, borne freely during the whole Summer. Each, 25¢; doz. \$2.75; per 100, \$20.00.

Bronze	Rose	White
Crimson	Salmon	Yellow
Pink	Scarlet	Mixed

Double Begonias. Each, 35¢; doz. \$4.00; per 100, \$30.00.

Crimson	Salmon	Yellow
Orange	Scarlet	Mixed
Rose	White	

CALADIUM — Elephant's Ear

Beautiful ornamental foliage plants. The leaves are of immense size, light green with darker veins; will grow in any good garden soil to a height of 5 feet.

Large Bulbs. Each 20¢; doz. \$2.00.

Extra Large Bulbs. Each 25¢; doz. \$2.75.

Mammoth Bulbs. Each 40¢; doz. \$4.00.

CALADIUM — Fancy-Leaved

We have these in many varieties which we offer in dormant tubers. When ordered by the dozen we always supply a variety of colours, giving the names.

Extra Choice New and Rare Varieties. Each, 50¢; set of 12 sorts, \$5.00.

CALLA ALBA MACULATA — Spotted Calla

Bright green foliage, thickly spotted silver white; flowers pure white. Suitable as a pot plant or garden flower. Very effective; used as a border plant. Each, 35¢; doz. \$3.50; per 100, \$28.00.

CALLA ELLIOTTIANA

Pure golden yellow flower, foliage delicately spotted. If planted outside in May they will blossom well in the Autumn. Each, 50¢; doz. \$5.00.

CINNAMON VINE

Hardy climber, shining green foliage, fragrant white flowers. Each, 10¢; doz. \$1.00.

GLORIOSA — The Climbing Lily

Rothschildiana. A beautiful tropical climber growing 10 feet high, producing wonderful lily-like flowers of yellow and scarlet which continue in bloom through the Summer and Autumn; excellent for conservatory and greenhouse.

Flowering-sized bulbs. Each, \$3.00.

Extra Large Flowering-sized bulbs. Each, \$5.00.

GLOXINIAS

Large tubular flowers of gorgeous colouring. Bulbs potted in light sandy loam in February or March will bloom in June or July. Strong flowering bulbs. Each 50¢; doz. \$5.00; per 100, \$35.00.

Blue	Scarlet
Blue Bordered White	Spotted
Pink	White
Purple	Mixed
Red Bordered White	

HYACINTHUS CANDICANS

A hardy Summer-flowering Hyacinth with erect spikes of pure white flowers. Three feet high. Doz. \$1.00; per 100, \$8.00.

ISMENE CALATHINA

The flowers are of large size the form of an Amaryllis, pure snow white, and are also exceedingly fragrant. Large strong bulbs begin to flower in a few weeks after planting. Each 50¢; doz. \$5.00.

LILY OF THE VALLEY

Lily of the Valley Clumps. We offer strong, field-grown clumps of this ever-popular old favourite. These clumps are intended for garden growing and will give immediate effect. Each 50¢; doz. \$5.00.

Lily of the Valley Pips (*For forcing, from cold storage*). For pot blooming the selected pips only should be grown. Plant 12 pips in a five-inch pot, keeping them well above the soil, place in dark in a temperature of 90 to 95 degrees and water frequently with tepid water. Our pips can be forced into bloom easily in 3 to 4 weeks from planting. *These can be supplied the year round.* Per 100, \$6.00; per 1000, \$55.00.

MADEIRA VINES

A beautiful rapid-growing climber, bearing in profusion very fragrant white flowers. Each, 10¢; doz. \$1.00; per 100, \$7.50.

MONTBRETIAS

One of the brightest of our Summer-flowering bulbs. Should be set out during April or May. They should be protected during the Winter. Each, 15¢; doz. \$1.50; per 100, \$10.00.

Crocusmiaeflora. Scarlet and yellow.

George Davison. A strong-growing variety, large orange-yellow.

Golden West. Beautiful, large, well-expanded flowers of pure golden-yellow.

Hereward. Pure yellow, reverse of petals orange; large flowers.

Lady Hamilton. Very free-flowering, yellow; centre suffused rosy-apricot.

Rheingold. A robust growing variety of a rich golden-yellow.

NERINE SARNIENSIS — The True Guernsey Lily

Bright red with a tinge of salmon and gold. Flower stalks 15 to 18 inches in height bearing 3 to 6 flowers at a time. Each, 25¢; doz. \$2.50.

TUBEROSES — Polianthes Tuberosa

Double Pearl Excelsior. These are universal favourites and very easily grown. Before potting remove the small offsets, use rich loam and start in hot-bed or in house; do not set out until all danger from frost is past. Each, 10¢; doz. 75¢; per 100, \$6.00.

Single Mexican Everblooming. This charming single variety begins to flower in July and continues throughout the season, each bulb throwing from 2 to 5 flower spikes in succession. The buds never blight, but all open up of the purest white, and are delightfully fragrant. Each, 10¢; doz. \$1.00; per 100, \$7.50.



HARDY LILIES for GARDEN & POT CULTURE

The Lilies are among the most beautiful and ornamental of cultivated bulbous plants, their stately habit and variously-coloured flowers (which are in many cases, highly perfumed) rendering them indispensable subjects for greenhouse decoration, and for outside flower garden embellishment.

The commoner and more plentiful species may be effectively employed for grouping or naturalizing. Many of them are excellent for border plants when in flower, being extremely attractive in mixed arrangements, if properly placed in respect of height. Many of the strong-growing Lilies are well adapted to planting among shrubs, where the latter are not too thickly placed. By growing a selection of species in pots to flower at different times, a valuable addition to greenhouse decorative subjects is secured over a long period, in Summer and Autumn. Lilies should always be planted not less than three in a clump thus :-.

NOTE. *We can supply the following Lilies from Cold Storage at any time during the Spring and Summer months: Album, Auratum, Giganteum, Magnificum, Melpomene, Rubrum. Orders taken and shipped on any specified date.*

Auratum (*Golden Banded Lily of Japan*). Immense white flowers, each petal marked with a wide gold band.

Extra Large. *Each, 40¢; doz. \$4.00; per 100, \$35.00.*

Mammoth Bulbs. *Each, 60¢; doz. \$5.00; per 100, \$45.00.*

Auratum Rubrum Vittatum. Very large flowers, ivory white, with broad crimson stripe through centre of each petal. *Each, \$1.00; doz. \$10.00.*

Speciosum Album. Large pure white flowers.

Extra Large. *Each, 30¢; doz. \$3.00; per 100, \$25.00.*

Mammoth Bulbs. *Each, 60¢; doz. \$5.00; per 100, \$45.00.*

Speciosum Magnificum. Rich crimson. The finest coloured of all Speciosums.

Extra Large. *Each, 30¢; doz. \$3.00; per 100, \$25.00.*

Mammoth Bulbs. *Each, 60¢; doz. \$5.00; per 100, \$45.00.*

Speciosum Melpomene. White, suffused with darkest crimson.

Extra Large. *Each, 30¢; doz. \$3.00; per 100, \$25.00.*

Mammoth Bulbs. *Each, 60¢; doz. \$5.00; per 100, \$45.00.*

Speciosum Rubrum or Roseum. White with rich crimson spots.

Extra Large. *Each, 30¢; doz. \$3.00; per 100, \$25.00.*

Mammoth Bulbs. *Each, 60¢; doz. \$5.00; per 100, \$45.00.*

Batemaniae. Clear orange-apricot, without spots. *Each, 40¢; doz. \$4.00; per 100, \$30.00.*

Brownii. Trumpet-shaped flowers, interior pure white with chocolate-coloured anthers; exterior brownish-purple. Height 3 feet. *Each 75¢; doz. \$7.50.*

Canadense (*Canadian Bell-Flowered Lily*). Colours vary from reddish-orange to yellow. Marked with black. Height 4 feet. *Each, 25¢; doz. \$2.00; per 100, \$16.00.*

Davuricum. This beautiful Lily resembles a native *Pbiladelphicum*. It is of easy culture, and blooms in umbels of 3 to 5 upright scarlet flowers. *Each, 15¢; doz. \$1.75; per 100, \$12.00.*

Elegans Leonard Joerg. Rich apricot, spotted, very fine. *Each, 30¢; doz. \$3.00; per 100, \$25.00.*

Elegans Quilp. Vermilion with few black spots. *Each, 30¢; doz. \$3.00; per 100, \$25.00.*

Hansoni. Flowers reddish-orange, 8 to 12 in a cluster. *Each, 60¢; doz. \$7.00.*

Henryi (*The Yellow Speciosum*). Each stem carries from 5 to 8 flowers of a rich apricot-yellow. Brown spots. *Each, 75¢; doz. \$7.50.*

Krameri. Blush pink, fragrant and beautiful trumpet-shaped flowers. *Each, 40¢; doz. \$4.00.*

Maeranthum. A variety of *Auratum* having leaves and flowers much larger, the segments over-lapping almost to the tips, thus forming an immense flower. The petals too, are much stouter and the general appearance of the plant is distinct from any other variety. *Each, 60¢; doz. \$5.00; per 100, \$40.00.*

Myriophyllum (*Regale Lily*). A good forcer and absolutely hardy. Flowers are white, slightly shaded with pink, with canary-yellow centre. *Each, \$1.00; doz. \$10.00; per 100, \$75.00.*

Pardalinum (*Leopard Lily*). Rich scarlet and yellow flowers spotted with rich dark brown. Robust and free-flowering. *Each, 25¢; doz. \$2.50; per 100, \$18.00.*

Superbum. Yellowish-red. Height 4 feet. *Each, 25¢; doz. \$2.50; per 100, \$18.00.*

Tenuifolium (*Coral Lily*). The lovely Coral Lily of Siberia. The brightest of all; grows 20 inches high with finely cut foliage; slender stems and beautifully shaped flowers of a coral red. *Each, 35¢; doz. \$3.50.*

Tigrinum Splendens (*Tiger Lily*). Fiery scarlet flower, spotted black. Height 6 feet. *Each, 25¢; doz. \$2.50; per 100, \$18.00.*

Tigrinum Flore Pleno. Double-flowered orange; spotted black. Height 4 feet. *Each, 25¢; doz. \$2.50; per 100, \$18.00.*

Breck's Celebrated Lily Collections

6 Hardy Lilies in 6 Varieties for \$2.00

12 Hardy Lilies in 12 Varieties for \$4.00

our selection. Postpaid.

BRECK'S PRIZE MEDAL DAHLIAS

The following list is composed of the most up-to-date, popular, and satisfactory varieties both for Exhibition purposes and for the amateur as well. We would advise placing orders early. As our stock of tubers becomes exhausted we shall fill orders with strong, well-rooted plants from 2½-inch pots.



MRS. CALVIN COOLIDGE *A New Peony Flowered Dahlia*

Best described as a delicate orchid colour, this new Peony-flowered Dahlia is unquestionably headed for the Show Tables of 1924 and a place of honour among the most distinguished varieties of recent introduction. The flowers are not too large, of good depth, well formed, and with the outer petals beautifully curled and ruffled. Unlike some varieties it is ideal for garden decoration as well as for show competition, being of vigorous growth and producing a profusion of bloom on good strong stems. *This variety was personally selected at our Grower's Trial Grounds by Mrs. Calvin Coolidge and was thereupon named after her. It is a flower indeed worthy of "The First Lady of the Land."*

Each \$10.00

Amy Peabody (Paeony.) A most beautiful sort, rich, velvety maroon distinctly tipped white. A striking contrast and an unusual flower. *Each 75¢; for ten \$6.50.*

Azalea (Decorative). A big bloom formed of many rows of long, narrow florets giving an unusually attractive and uncommon shape. The colour is a soft, creamy-yellow and at times the outer row of petals is tinged red. *Each \$1.00; for ten \$9.00.*

Ben Wilson (Decorative). One of the largest grown. Colour brilliant red to yellow at tips. Flower of great substance. *Each \$2.00; for ten \$18.00.*

Bill Hart (Decorative). A most attractive flower of bright scarlet, distinctly tipped white. *Each \$1.00; for ten \$9.00.*

Carmenita (Decorative). Fancy decorative. The blooms are of large size, unusually graceful. Bright yellow, striped with red. *Each \$1.00; for ten \$9.00.*

Copper (Paeony). Large, free-blooming, 6 to 10 inches in diameter. Copper-coloured blossoms shaded and tinted with bronze and apricot. *Each \$1.00; for ten \$9.00.*

Dr. H. L. Tevis (Decorative). A magnificent flower, nine to eleven inches in diameter, erect on long-vigorous stems. Colour a rich combination of salmon-rose suffused with old gold shading to apricot. *Each \$1.00; for ten \$9.00.*

D. Titus (Decorative). A most pleasing combination of canary-yellow at the centre, shading to old gold towards the outer petals. The flowers are gigantic with massive petals of great texture. *Each \$1.00; for ten \$9.00.*

Earl Williams (Decorative). Attractive fancy or variegated variety, one of the best of this type; the flowers are of largest size, of splendid deep formation. A brilliant crimson-scarlet colour, each petal tipped with white. *Each \$2.50; for ten \$22.00.*

Francis J. Burns, Jr. (Decorative). Soft pink shading to white in the centre. Stiff stems hold blooms well above plant. *Each \$1.00; for ten \$9.00.*

Gladys Sherwood (Cactus). A truly wonderful Dahlia, flowers over ten inches in diameter composed of long curling petals of glistening white forming a flower of unusual depth, these giant flowers are held erect on strong stems. *Each \$3.50.*

Glory of New Haven (Decorative). Clear lavender-pink of the largest possible size, one of the best of the new varieties. Beautiful exhibition flower. *Each \$2.00; for ten \$18.00.*

Grizzley (Decorative). The largest deep, bright red grown; ten inches is very easy to attain with this monster. For a large Dahlia, it is very free-flowering. *Each \$2.00; for ten \$18.00.*

Harry Davidson (Decorative). Mulberry pink, tipped gold; a very pretty variety. *Each \$1.00; for ten \$9.00.*

Henry C. Gifford (Paeony). Flowers are very large. The long, narrow petals grow to a perfect centre and roll outwards, giving the appearance of ragged Chrysanthemum. The colour is a rich oriole yellow shaded to cream and pink and slightly touched orient red. *Each \$2.00; for ten \$18.00.*

Henry Penn (Decorative). The most striking and valuable addition that has been offered in recent years. The colour is a white ground daintily flaked and marbled soft rose-pink. *Each \$2.00; for ten \$18.00.*

Howitzter (Paeony). The largest fancy Paeony Dahlia produced. The gorgeous yellow blooms are striped and splashed scarlet. *Each \$1.50; for ten \$15.00.*

Insulinde (Decorative). Flowers are large, 7 to 8 inches in diameter, with just sufficient broad, long curled and twisted petals to form a perfect and graceful flower of a beautiful golden ochre, with salmon-red suffusion, which deepens towards the centre. *Each \$2.50; for ten \$22.00.*

Jane Selby (Decorative). This variety is as large as any Dahlia grown. A delicate mauve-pink of great substance and beautiful formation. *Each \$1.50; for ten \$14.00.*

La Favorita (Decorative). A pleasing shade of orange-salmon. A flower which is much in demand for decorative purposes. *Each \$1.00; for ten \$9.00.*

Lady Helen (Decorative). Cream white, suffused carmine. One of the best, having large size, long stems. A very free-flowering sort. *Each \$2.00; for ten \$18.00.*

Lavendera (Decorative). Monster flower on very long stem. Colour, lavender-pink, white centre. The best of its colour. *Each \$2.00; for ten \$18.00.*

Mabel B. Taft. (Decorative). The colouring is novel—yellow, suffused with pinkish-apricot, lighter in the centre and shading deeper towards the outer petals. The very large flower is composed of small, peculiarly shaped petals which give it refinement as well as beauty. *Each \$2.50; for ten \$22.00.*

Minister Talma (Paeony). A smoky mauve shading lighter; a very odd shade. Has all the good qualities for garden decoration or exhibition. *Each 60¢; for ten \$5.00.*

Mount Tamalpais (Paeony). Dark red Paeony Dahlia, one of the largest to date. Flowers measure eleven inches across; very prolific and good stems. A sure prize winner. *Each \$1.50; for ten \$14.00.*

Mrs. Ashley Low. (Cactus). Large Cactus Dahlia with perfectly straight, petals of great length. Colour rich, deep orange. Flowers measure eight to nine inches across on good flower stems. *Each \$1.00; for ten \$9.00.*

Mrs. F. C. Burns (Decorative). A lovely shade of shell pink. Always good. *Each 75¢; for ten \$6.50.*

Mrs. I. de Ver Warner (Decorative). The best known and one of Judge Marean's finest introductions. In colour it is a pleasing deep mauve-pink that is usually referred to as an orchid colouring and which everyone loves. It comes into flower early and continues in good shape to the end of the season. *Each \$5.00.*

Mrs. R. R. Strange (Decorative). Burnished copper and bronze. This colour is the new shade that is so popular. *Each \$1.00; for ten \$9.00.*

Mrs. John Bray (Paeony). A most distinctive Paeony Dahlia; ground colour white, speckled, striped, and splashed maroon, forming a good contrast to the yellow disc. *Each \$1.00; for ten \$9.00.*

Mrs. Woodrow Wilson (Decorative). One of the gems; large flowers on good stems. Colour pink, white ground marked crimson. *Stock limited. Each \$3.50.*

Patrick O'Mara (Decorative). This new Dahlia has been awarded high honours at many shows throughout the country. It is of free-flowering habit. The flowers, supported on long stiff stems, are of good size, perfect form, and in colour a rich chrome-yellow, with salmon-red suffusion. *Each \$1.50; for ten \$14.00.*

Pitti-Sing (Paeony). A most fascinating Dahlia. The most brilliant Oriental red with gold suffusion. *Each \$1.00; for ten \$9.00.*

President Woodrow Wilson (Decorative). A monster flower, often nine inches across on long, stiff stems. Colour is a beautiful shade of deep crimson distinctly tipped pink and white. A very handsome variety. *Stock limited. Each \$3.50.*

Pride of California (Decorative). This is the best red Decorative for all purposes. It has size, stem, and splendid keeping qualities when cut. *Each \$1.00; for ten \$9.00.*

Princess Pat (Decorative). Flowers of immense size and of splendid decorative form, always coming with a full centre; in colour a most pleasing shade of old rose that lights up wonderfully under artificial light. It is free-flowering, and the flowers are carried on excellent stems. *Each \$2.00; for ten \$18.00.*

Ruth Gleadell (Cactus). A fine hybrid of sunburst shades soft yellow shading to pink on the outer petals. Good stem; large size, excellent formation, and a free bloomer. *Each \$1.00; for ten \$9.00.*

Salmon Queen (Decorative). A most beautiful rich shade of salmon; quite distinct. The blossom is large and regular. *Each 75¢; for ten \$6.50.*

Sunkist (Paeony). The size of the flowers averages eight inches in diameter, the colour being a brilliant orange shade, the reverse of the petals tinted a delicate orange-pink. *Each \$1.00; for ten \$9.00.*

The Millionaire (Decorative). This remarkably large Dahlia of the Decorative Type is certainly a wonderful production. The shade cannot be surpassed in daintiness of colourings in the most delicate of lavender with a faint pink cast overshading it. The depth of this flower and the number of large, finely shaped petals in its formation has never been equalled in any Dahlia. *Each \$2.50; for ten \$22.00.*

U. S. A. (Cactus). Pure deep orange, sparkling and glistening, an unusual colour in Dahlias. These flowers are of large size, of good formation, on excellent stems, held so as to display their full beauty. *Each \$2.50; for ten \$22.00.*

W. D'Arey Ryan (Decorative). A striking Fancy of violet-purple heavily tipped white. A characteristic of this Dahlia is that it is always tipped white, and never has any solid coloured blossoms like the usual Fancy sorts. *Each \$1.00; for ten \$9.00.*

White Mountain (Decorative). We consider this variety to be the best white Decorative yet introduced. The large full flowers are borne in profusion. The type is perfect, the flowers measure from seven to nine inches across. *Each \$1.00; for ten \$9.00.*

Wizard of Oz (Decorative). Really a wonderful all-around Dahlia. One of the largest in size, elegant formation, begins to flower early and holds its blooms perfect to the end of the season. In colour it is a rare shade of amber-pink with soft salmon shading. *Each \$5.00.*

BRECK'S DAHLIAS

These old-fashioned flowers have always been in favour on account of their bright colours, and their freedom of bloom under unfavourable conditions. Their extreme variation in form and colour has resulted in an almost endless assortment of named Dahlias; but careful selection reduces to a comparatively small number the sorts that are of recognized value for garden cultivation, and it is of such sorts that our collection is comprised. Type of flower is indicated after name of each.

Not less than six of one variety at the ten rate



George Walters—Cactus

Achievement (Collarette). Clear, rich, velvety maroon; collar waxy snow white overlaid with pinkish crimson. *Each, 35¢; \$3.00 for ten.*

A. D. Livoni (Show). A beautiful pink. *Each, 25¢; \$2.20 for ten.*

American Beauty (Decorative). Very large, bright crimson. *Each, 35¢; \$3.00 for ten.*

Arabella (Show). Light, sulphur-yellow, shaded peach-blossom on edges. *Each 20¢; \$1.80 for ten.*

Balmoral (Collarette). Deep aniline-red, shaded purple, with long white collar petals. *Each 15¢; \$1.40 for ten.*

Benedictus XV. (Decorative). A very highly recommended variety imported from Holland. The colour is a splendid deep yellow, with stiff stems holding the bloom upright and well above the foliage. *Each 50¢; \$4.00 for ten.*

Black Prince (Decorative). Crimson shaded maroon. *Each 25¢; \$2.20 for ten.*

Blanche (Century Single). Pale yellow at the base, faintly tipped pink, with a cast of pure white. *Each, 25¢; \$2.20 for ten.*

Blue Oban (Decorative). Lavender blue. *Each, 50¢; \$4.00 for ten.*

Caleb Powers (Show). Shell pink. *Each 20¢; \$1.80 for ten.*

Candeur (Cactus). Pure white. *Each 20¢; \$1.80 for ten.*

Catherine (Pompon). Fine yellow. *Each 15¢; \$1.40 for ten.*

Clifford W. Bruton (Decorative). A large canary-yellow. *Each, 20¢; \$1.80 for ten.*

Countess of Lonsdale (Cactus). Deep salmon-red. One of the best. Very free. *Each, 25¢; \$2.20 for ten.*

Cuban Giant (Decorative). Rich velvety purple, shaded maroon. *Each, 25¢; \$2.20 for ten.*

D. M. Moore (Colossal). Deep velvety maroon, almost black. *Each, 50¢; \$4.00 for ten.*

Dreadnaught (Cactus). Glowing crimson, deepening to maroon at centre. *Each, 20¢; \$1.80 for ten.*

Dreer's White (Show). Clear, glistening white. *Each, 25¢; \$2.20 for ten.*

Dreer's Yellow (Show). Pure yellow, without question the best yellow dahlia yet sent out. *Each, 50¢; \$4.00 for ten.*

Dr. Kirkland (Decorative). Dark, velvety crimson. *Each, 25¢; \$2.20 for ten.*

Earl of Pembroke (Cactus). Bright, rich, plum colour, large. *Each, 20¢; \$1.80 for ten.*

Electric (Cactus). Clear canary yellow, each petal tipped with white. *Each, 50¢; \$4.00 for ten.*

Elmwood (Century Single). Pinkish-crimson, striped, splashed and blotched mahogany. *Each, 25¢; \$2.20 for ten.*

Elsie Burgess (Show). Delicate white ground tipped and suffused with lavender and faint light pink. *Each, 25¢; \$2.20 for ten.*

Exposition de Lyon (Collarette). Bright garnet, yellow collar. *Each, 25¢; \$2.20 for ten.*

Fairy Queen (Pompon). Yellow edged rose. *Each, 20¢; \$1.80 for ten.*

Floradora (Cactus). Bright blood red. *Each, 25¢; \$2.20 for ten.*

Forbes-Robertson (Cactus). Beautiful reddish-orange. A very satisfactory variety, flowers having long, straight, star-shaped petals. *Each, 25¢; \$2.20 for ten.*

Frigola (Peony). Blood red with white tip. *Each, 35¢; \$3.00 for ten.*

F. W. Fellows (Cactus). This variety produces huge flowers in profusion. The petals are narrow, straight, and very numerous, allowing the blooms to remain full until long past their prime. The growth and habit is all that could be desired. Colour, a bright orange-scarlet throughout. *Each, 75¢; \$6.50 for ten.*

General Buller (Cactus). Rich deep crimson, tipped white. *Each 15¢; \$1.40 for ten.*

Gen. J. B. Seth (Cactus). Rich, brilliant scarlet with orange scarlet shading. *Each, 50¢; \$4.00 for ten.*

Genoveva (Cactus). Primrose-yellow. *Each, 25¢; \$2.20 for ten.*

George Walters (Cactus). Coppery old gold, shading to buff. *Each, 50¢; \$4.00 for ten.*

Gladiateur (Show). Clear violet, shaded blue. *Each, 35¢; \$3.00 for ten.*

Golden Gate (Cactus). Golden yellow suffused and shaded fawn. *Each, 50¢; \$4.00 for ten.*

Gov. Guild (Show). Best large white, long stem, good form. *Each, 25¢; \$2.20 for ten.*

Grand Duchess Maria (Show). Rich buff overlaid with orange reverse petals, slightly edged pink. *Each, 35¢; \$3.00 for ten.*

Grand Duke Alexis (Show). Large, white tipped with lavender. *Each, 20¢; \$1.80 for ten.*

Guiding Star (Pompon). Pure white. *Each, 20¢; \$1.80 for ten.*

Hazel Heiter (Century Single). Bright crimson-carmine, base of petals canary-yellow. *Each, 25¢; \$2.20 for ten.*

Jack Rose (Decorative). Brilliant crimson-red, similar in shade to the "General Jack" Rose. *Each, 20¢; \$1.80 for ten.*

Jeanne Charmet (Decorative). The flowers measure from 7 to 10 inches in diameter and are borne on stiff, wiry stems frequently 18 to 24 inches long. The colour is a most exquisite shade of lilac-pink. *Each, 35¢; \$3.00 for ten.*

J. H. Jackson (Cactus). Finest dark crimson maroon. *Each, 20¢; \$1.80 for ten.*

John Green (Peony). The colouring is exceptionally attractive and intensely brilliant, the centre being a clear golden-yellow which quickly changes to fiery scarlet. *Each, 50¢; \$4.00 for ten.*

Jupiter (Collarette). Bright yellow, shaded red, straw coloured collarette. *Each, 25¢; \$2.20 for ten.*

Kalif (Cactus). Huge flowers, sometimes measuring nine inches across, of perfect form. Colour a pure scarlet. *Each, 75¢; \$6.50 for ten.*

King Edward VII (Cactus). Brilliant cherry-red. A beautifully shaped flower, possessing very long, straight, star-shaped petals. *Each, 25¢; \$2.20 for ten.*

King of the Autumn (Decorative). Beautiful shade of burnt amber, tinged and shaded with old rose. *Each, \$1.00; \$9.00 for ten.*

Kriemhilde (Cactus). Deep, rosy pink, with lighter centre. *Each, 15¢; \$1.40 for ten.*

Little Prince (Pompon). Crimson tipped white. *Each, 20¢; \$1.80 for ten.*

Lustre (Cactus). Scarlet-vermillion. *Each, 25¢; \$2.20 for ten.*

Marathon (Cactus). Centre yellow, shading to rosy carmine. *Each, 50¢; \$4.00 for ten.*

Marjorie Castleton (Cactus). Soft rosy pink. *Each, 25¢; \$2.20 for ten.*

Maud Adams (Show). The colour is pure, snowy white, overlaid with clear delicate pink. *Each, 30¢; \$2.50 for ten.*

Melody (Decorative). Colour clear canary yellow tinting to creamy white at the tips. *Each, 20¢; \$1.80 for ten.*

Merlin (Show). Beautiful orange scarlet. *Each, 25¢; \$2.20 for ten.*

Mina Burgle (Decorative). Dahlia experts say this is the best crimson variety in existence. *Each, 50¢; \$4.00 for ten.*

Minos (Decorative). Flowers are large and exceedingly beautiful, borne on long, graceful, wiry stems. The colour is intense velvety maroon, almost black. *Each, 25¢; \$2.20 for ten.*

Miss Minnie McCullough (Decorative). Soft yellow, overlaid with bronze. *Each, 20¢; \$1.80 for ten.*

Mlle. Bertha Geman (Cactus). Rosy currant-red, suffused with Naples yellow. *Each, 25¢; \$2.20 for ten.*

Mme. von Bystein (Peony-flowered). Lilac-blue. *Each, 30¢; \$2.50 for ten.*

Mme. Van Den Daele (Decorative). Soft rose shading to white in the centre. *Each, 25¢; \$2.20 for ten.*

Moonlight (Cactus). Light yellow of a pleasing shade. *Each, 75¢; \$6.50 for ten.*



Mrs. Charles H. Breck — Decorative

Mrs. Charles H. Breck (Decorative). Entirely distinct and wonderfully beautiful. A rich, creamy yellow passing to rose pink, streaked and veined with all the intermediate shades. *Each, 75¢; \$6.50 for ten.*

Mrs. Ferdinand Jefries (Cactus). Rich deep velvety garnet of large size. *Each, 25¢; \$2.20 for ten.*

Mrs. Gordon Abbott (Show). Bright yellow flowers, speckled and striped with scarlet. *Each, 50¢; \$4.00 for ten.*

Mrs. J. Emberson (Cactus). Pale lemon, splashed and speckled with rosy pink. *Each, 30¢; \$2.50 for ten.*

Mrs. Roosevelt (Decorative). A most beautiful flower. It is of immense size, fine colour, graceful form and has excellent stems for cutting. Flowers are 6 to 8 inches in diameter. Delicate pink, shading to soft pink. *Each, 50¢; \$4.00 for ten.*

Nibelungenhort (Cactus). Broad curled petals of a beautiful shade of old rose with golden apricot suffusion. *Each, 75¢; \$6.50 for ten.*

Norma (Show). Bright orange. *Each, 25¢; \$2.20 for ten.*

Orange King (Decorative). Rich orange-scarlet. *Each, 25¢; \$2.20 for ten.*

Oregon Beauty (Decorative). Intense oriental red with golden sheen and garnet suffusion. *Each, 50¢; \$4.00 for ten.*

Pierrot (Cactus). Very large, narrow incurving petals of a deep amber colour, usually showing white tips on long stems. *Each, \$1.00; \$9.00 for ten.*

Pink Pearl (Cactus). Clear bright pink. *Each, 20¢; \$1.80 for ten.*

Princess Juliana (Decorative). It is perfect as an exhibition flower, ideal for garden decoration and unsurpassed for cutting. Holland Dahlia specialists claim this the finest white Decorative Dahlia for cut-flower purposes, and also the best flowering. *Each, 50¢; \$4.00 for ten.*

Princess Mary (Cactus). A pale, clear terra-cotta. *Each, 15¢; \$1.80 for ten.*

Queen Wilhelmina (Peony). Pure white with yellow centre. *Each, 25¢; \$2.20 for ten.*

Red Hussar (Show). Pure cardinal red. *Each, 20¢; \$1.80 for ten.*

Robert Mantel (Show). Very deep maroon. *Each, 50¢; \$4.00 for ten.*

Royal Purple (Decorative). A lively shade of royal purple. *Each, 25¢; \$2.20 for ten.*

Scarlet Century (Century Single). Brilliant scarlet, golden disc. *Each, 25¢; \$2.20 for ten.*

Snowflake (Century Single). Pure white. *Each, 20¢; \$1.80 for ten.*

Souvenir de Chabanne (Collarette). Lemon-yellow, with coral-red markings. *Each, 25¢; \$2.20 for ten.*

Souvenir de Gustave Doazou (Decorative). Huge blooms and remarkably free-flowering, colour pure red. *Each, 25¢; \$2.20 for ten.*



Scarlet Century — Single



T. G. Baker — Cactus

Sovereignty (Cactus). The best exhibition yellow in size, form, and colour that we have seen. One of the prize winners in Boston and New York. *Each, \$1.00; \$9.00 for ten.*

Stability (Cactus). This new Garden Cactus Dahlia can be recommended as one of the finest. The flowers are produced upon strong, wiry stems, well above the foliage. The petals are long and straight, making a perfect flower. Colour is the most beautiful rose-pink imaginable. *Each, 50¢; \$4.00 for ten.*

Storm King (Show). A most reliable white Dahlia. *Each, 15¢; \$1.40 for ten.*

Sylvia (Decorative). Soft, pleasing mauve-pink, gradually changing to white in the centre. *Each, 20¢; \$1.80 for ten.*

T. A. Havemeyer (Cactus). Yellow and deep red, with lighter tinge at the points. *Each, 20¢; \$1.80 for ten.*

T. G. Baker (Cactus). Clear yellow. *Each, 25¢; \$2.20 for ten.*

Thais (Cactus). Pure white, with a soft mauve suffusion. *Each, 50¢; \$4.00 for ten.*

Thomas Obelin (Cactus). Brilliant fiery red. *Each, \$2.50; \$2.20 for ten.*

Tom Lundy (Cactus). An introduction from California and one of the largest Hybrid Cactus Dahlias grown. Of a dark velvety red, the blooms are held on long, stiff stems. A sensational novelty. *Each, \$1.00; \$9.00 for ten.*

Twentieth Century (Single). Purest white at both base and tips and the centre of petals is a delicate blush rose. Very large — 5 to 7 inches in diameter. *Each, 25¢; \$2.20 for ten.*

Union Jack (Century Single). Pure white bordered with scarlet. *Each, 25¢; \$2.20 for ten.*

Vrybuitee (Decorative). Bright scarlet with terra-cotta shadings. *Each, 50¢; \$4.00 for ten.*

Wildfire Century (Century Single). Brilliant cochineal-red with orange-scarlet suffusion. *Each, 25¢; \$2.20 for ten.*

W. B. Childs (Cactus). Dark maroon. *Each, 25¢; \$2.20 for ten.*

W. W. Rawson (Show). White, overlaid with amethyst, extra good. *Each, 50¢; \$4.00 for ten.*

Yellow Colosse (Show). Pure primrose yellow. *Each, 35¢; \$3.00 for ten.*

Yellow Duke (Show). Primrose-yellow. *Each, 25¢; \$2.20 for ten.*

Zeppelin (Decorative). Violet-mauve with silvery suffusion. *Each, 25¢; \$2.20 for ten.*

Breck's Popular Dahlia Mixture

Every season mixtures occur in handling our stock of Dahlias. All are high-class varieties, frequently worth 50 cents per root.

This mixture we offer packed one dozen in a box, at the low price of \$1.50 per box.

Breck's Dahlia Collections

DAHLIA COLLECTION NO. 1 — PRICE \$2.50

A fine assortment of 12 named varieties, each one labeled, in which all types of Dahlias are represented. It is made up as follows:

CACTUS

Earl of Pembroke. *Plum*
General J. B. Seth. *Scarlet*
Marjorie Castleton. *Pink*
T. A. Havemeyer. *Yellow and Red*

DECORATIVE

Jack Rose. *Crimson*
Melody. *Yellow, tinted cream*
Sylvia. *Mauve-pink*

SINGLE

Snowflake. *White*
Wildfire. *Red and Orange-scarlet*

PÆONY

Mme. von Bystein. *Lilac*
SHOW

Dreer's White.
Yellow Duke.

DAHLIA COLLECTION NO. 2 — PRICE \$5.00

A comprehensive collection with representatives of all the types and a wide range of colours; 24 Roots, each one labeled. This collection contains all the varieties in Collection No. 1 and in addition the 12 following:

CACTUS

Genoveva. *Yellow*
Mlle. Bertha Geman. *Currant-red and Yellow*
Thais. *White and Mauve*
Thomas Obelin. *Fiery Red*

DECORATIVE

Jeanne Charmet. *Pink*
Orange King. *Orange-scarlet*
Royal Purple. *Lively shade of purple*
Vrybuitee. *Scarlet and Terra-Cotta*
Zeppelin. *Violet-mauve*

SINGLE

Blanche. *Yellow, tipped Pink*
SHOW

Gov. Guild. *White*
Grand Duchess Maria. *Buff and Orange*

DAHLIA COLLECTION NO. 3 — PRICE \$15.00

This fine assortment of 48 Roots contains all the varieties listed in Collections No. 1 and 2, and in addition the 24 following, among which are several expensive kinds of distinct merit:

CACTUS

Floradora. *Red*
Moonlight. *Light Yellow*
Mrs. Ferdinand Jeffries. *Velvet-garnet*
Pierrot. *Amber*
Sovereignty. *Yellow*
W. B. Childs. *Dark Maroon*

PÆONY

Frigola. *Red and White*
John Green. *Scarlet and Gold*
Queen Wilhelmina. *White*

DECORATIVE

Blue Oban. *Lavender Blue*
Dr. Kirkland. *Crimson*
Mina Burgle. *Crimson*
Mrs. Charles H. Breck. *Yellow and Rose*
Oregon Beauty. *Red, Gold, and Garnet*
Souvenir de Gustave Doazon. *Red*

SINGLE

Hazel Heiter. *Crimson Carmine*
Scarlet Century. *Scarlet, Golden disc*
Union Jack. *White and Scarlet*

SHOW

Dreer's Yellow. *Yellow*
Mrs. Gordon Abbott. *Yellow and Scarlet*
Red Hussar. *Cardinal*
Robert Mantel. *Maroon*
Storm King. *White*
W. W. Rawson. *Amethyst*

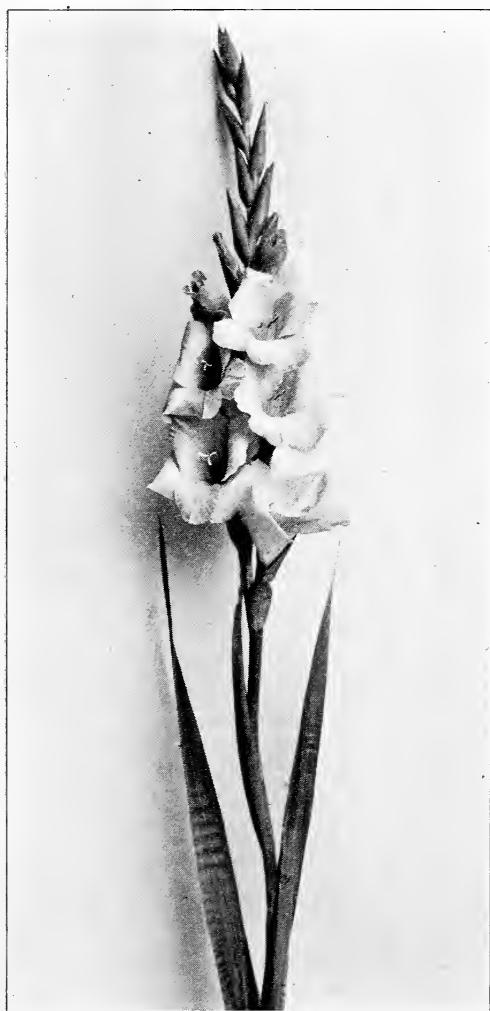
BRECK'S GLADIOLI

None of the Summer-flowering bulbous plants have the great popularity enjoyed by Gladioli. They are everybody's flowers because everybody can grow them. Their adaptability to garden decoration or to use as cut-flowers during the Summer and early Autumn is surpassed by no other flower we know of. In cutting Gladioli it is best to cut the spikes as soon as the first flower has opened, always leaving from four to five leaves when cutting. The remainder of the blossoms will open in the house and last much longer. The simplicity of its culture is one of the most important qualifications of this splendid flower.

In presenting to you the following Gladioli, we wish to state that our catalogue has been entirely revised by one who has been associated with and has grown Gladioli for the past twenty years. The entire selection is based on bulbs which have proved their merit. You will not be disappointed in any one of them. They are selected as having vigorous spikes with many flowers open at one time, but more especially for their value in clearness of colour. Considerable care has also been exercised in selecting those bulbs which have a great deal of vigour. The following descriptions of Gladioli have been made as concise as possible.

CULTURAL DIRECTIONS: Any good garden soil will grow Gladioli provided they are planted in a sunny location. Bulbs should be planted six inches deep and from four to six inches apart. We recommend an application of Sheep Manure or a mixture of ground bone and wood ashes when extra good blooms for Exhibition purposes are desired. Otherwise, no extra or special attention is at all necessary. Bulbs may be planted as early as the ground is dried out in the Spring, and planting may continue until the middle of July with good results. In the Autumn when the leaves begin to turn brown, or after the first two or three pronounced frosts, the bulbs should be lifted, the stalks cut off and they should be stored in a cool, dry place.

Bulbs at the single or dozen prices sent post-paid. Not less than six sold at the dozen rate.



Mrs. Luther A. Breck

NEW GLADIOLI for 1924

Mrs. Luther A. Breck

This outstanding white variety is offered by us for the first time this year and without question will be seen in the coming Season's notable exhibitions. A plant fifty inches and over in height, having eighteen or more five-inch flowers of which six or seven are open at one time and many buds showing. Flowers are pure white with a medium sized blotch of pale yellow on the lower petals. A rare and choice variety. *Stock limited, only one bulb sold to a customer. Each, \$5.00.*

	Each	Doz.
Admiration. A fine distinct variety of America; pink shade with large light violet-rose throat.....	\$.75	\$7.50
Blushing Beauty. Opening buds blush pink, full flower, flower softest possible blush, showing dainty pink throat markings. Stalk of good height with many flowers open at one time.....	1.00	10.00
Butterboy (Primulinus). Extra tall plant with large buttercup yellow flowers. A distinct and showy variety.....	1.00	10.00
Charm. Pure deep rose-pink. A large and wonderful flower of beautiful shades. A blotch of deep red on lower petals.....	1.00	10.00
Clio (Primulinus). Tall slender spike of orange with deep yellow throat.....	.35	3.50
Dorian (Primulinus). Creamy white blossoms with deep canary-coloured throat finely blended, a slender graceful spike.....	.35	3.50
Dr. W. Van Fleet. A magnificent shade of delicate rose-pink deepening towards the edges of the petals, soft canary-yellow throat, large sized flowers of perfect form.....	1.00	10.00
Exquisite. A tall and vigorous plant. Many large flowers open. The colour is true Tyrian Rose often called American Beauty, a rich self shade.....	.75	7.50
Gold. Spike of medium height with large flowers of pure yellow. In clearness of colour it is unsurpassed; early flowering, a real rival to Golden Measure.....	1.00	10.00
Golden Measure. A tall and vigorous spike with many large pure yellow flowers open at a time. A winner at all exhibitions.....	.75	7.50

Rose
GloryWhite
GloryScarlet
GloryPurple
GloryViolet
GloryOrange
Glory

	Each	Doz.	Each	Doz.	Per 100
John Alden. Fine deep yellow flower with a distinct and clear crimson blotch on the lower petals. This is the best fancy yellow variety....	\$0.50	\$5.00			
Joy. Purest flesh colour with dainty soft canary throat, something unusual and extra fine.....	1.00	10.00			
Mallow. Creamy white with crimson markings in the throat, occasionally mottled lilac on the outside of petals, wonderful spike.....	.75	7.50			
Mathew Crawford. A straight cross of "Kunderdi Glory" with "America." Creamy pink. Very massive and showy.....	1.00	10.00			
Mrs. Frederick C. Peters. Wonderful variety with grand spikes of rich rose-violet, the individual flowers resembling beautiful orchids.....	.75	7.50			
Pearl of Dawn. Light rose-pink deepening toward the borders of petals, large throat lined with red, a beautiful spike of flowers.....	.75	7.50			
Persia. Dark crimson self colour almost black, for purity of colour it is unsurpassed.....	.50	5.00			
Snowdrift. Very tall vigorous spike with many large pure white flowers open at once. In our estimation it is one of the very best white varieties.....	.75	7.50			
Sulphur Glow. A beautiful shade of yellow. Many well expanded, intensely ruffled flowers open at a time.....	1.00	10.00			
Sweet Briar. Shell-pink. Throat striped Tyrian Rose. Very dainty and effective variety, fine spike of good keeping qualities.....	.50	5.00			
Uhlen Chief. A magnificent variety of most intense vermillion scarlet, deeper shade in lower petals and finely feathered.....	.75	7.50			

EIGHT "GLORY" KUNDERDI Ruffled Varieties

Each Doz. Per 100

Golden Glory. A distinct shade of yellow which deepens towards the base of the throat.....	\$7.50	\$7.50
Kunderdi Glory. Creamy-apricot with tint of light pink; fine markings of bright red on lower petals.....	.25	2.50
Orange Glory. Rich orange with beautiful lighter throat.....	.35	3.50
Purple Glory. The giant of the "Glory" race. Colour deepest velvety maroon red, with almost black blotches.....	1.50	15.00
Rose Glory. Purest rose-pink with deeper throat.....	.50	5.00
Scarlet Glory. An unusual, distinct and rich shade of red, beautifully ruffled.....	.25	2.50
White Glory. A gorgeous pure white, with beautiful iris-blue throat. A grand new sort.....	.35	3.50
Violet Glory. Massive flower. Rich self-colour deep violet; deeper throat. Medium ruffled.....	.50	5.00

The Glory Collection
One each of the above 8 varieties for \$4.00 postpaid.



PRIMULINUS GLADIOLI

The following list of Primulinus-Gladioli is strongly recommended by us as being of superior merit. The colours are clear and pure. The plants are erect in habit and have many large flowers open at one time. They also have the exceptional value of being good keepers after being cut. The colours of Primulinus-Gladioli tend to yellows, oranges, and tints of pink, rose, etc. They are without a doubt the finest vase flowers.

Each Doz. Per 100

Alice Tiplady.	Beautiful orange saffron.	
Prize Winner.....	\$0.25	\$2.50 \$15.00
Angola.	A true apricot-pink. A glorious bloomer. Without question as handsome as any in the entire collection. Ten to twelve flowers on each spike. Many open.....	.15 1.50 10.00
Anita.	An extra tall, richest canary-yellow. Deeper throat. Many open...	.20 2.00 12.00
Argo.	A beautiful shade of purest pink. Probably the most beautiful pink of any flower, resembling the Glad. Myrtle. Sixteen flowers on each spike. Awarded Certificate of Merit Massachusetts Horticultural Society.....	.25 2.50 15.00
Arlon.	Very large wide-petaled flower of light salmon. Red throat with deeper central lines. Showy and conspicuous.	.25 2.50 15.00
Canopus.	Large, rich, solid yellow, fine shade of deeper yellow throat.....	.25 2.50 15.00
Capella.	Tall, very bright, fiery orange-red. Very large and choice.....	.25 2.50 15.00
Cassandra.	Soft salmon-buff, deeper on outer border. Very good.....	.20 2.00 12.00
Dexter.	Tall. Purest blush rose pink; throat richest creamy yellow. Purest of self colours.....	.25 2.50 15.00
Dorothy Wheeler.	Awarded Silver Medal Massachusetts Horticultural Society, 1921. It is a most beautiful rose-pink with a lighter throat, slightly ruffled. Plant tall and many flowers open at once.....	.25 2.50 15.00
Faun.	Bronzy-pink on soft yellow ground. Distinct and beautiful.....	.25 2.50 15.00

Linton.	Tall. Salmon-rose petals, bordered deeper. Lower petals golden-veined rose. Very choice and very ruffled.....	.35	\$3.50	\$27.50
Mintaka.	Fairly tall spike with fourteen to fifteen blooms, six or seven open at one time. The flowers are large and are of a clear bright pure yellow changing to a bright clear pink at the edges of the petals. The combination is most delightful.....	.15	1.50	10.00
Primunella.	A grand ruffled butterfly, orchid-like flower. Beautiful.....	.50	5.00	
Salmon Beauty.	A very large and showy flower. In fact the last two or three seasons it has been awarded the best Primulinus by the Massachusetts Horticultural Society. The colour is deep orange-salmon, with a rich salmon-yellow throat.....	.25	2.50	15.00
Sedan.	A gem, being one of the deepest yellow of the Primulinus with a crimson bar on lower petals. Ruffled.....	.35	3.50	27.50
Sirius.	One of the brightest and richest coloured Primulinus. Dark salmon with very rich throat. Half ruffled. Medium height.....	.15	1.50	10.00

GENERAL DESCRIPTIVE LIST OF GLADIOLI

Al Shira.	Very dark wine red with a large and almost black throat.....	.50	\$5.00	\$37.50
America.	Delicate lavender pink.....	.05	.50	3.25
Anna Eberius.	Dark velvety purple, throat deeper shade, flowers of large size on fine, long, well set spikes 3 to 4 feet high.	.25	2.50	15.00
Augusta.	White, slightly suffused with pink.....	.10	.75	5.50
Baron Joseph Hulot.	Rich violet.....	.15	1.50	11.00
Blue Jay.	Blue Lavender, splashed with white.....	.30	3.00	20.00
Byron L. Smith.	Most refined lavender-pink on a white ground.....	.50	5.00	37.50
Catherina.	An attractive variety with long spikes of blue-gray flowers marked with a red blotch.....	.50	5.00	37.50
Cincinnatus Heine.	Beautiful pure white with faintest blush in centre, soft creamy yellow throat.....	.30	3.00	20.00
Corunna.	An extraordinary large flower, almost coal-black throat, red bordered white.....	.35	3.50	27.50
Crimson Glow.	A perfect scarlet of a deep tone, very large open flowers of the finest form and exceedingly well placed on a tall spike.....	.50	5.00	37.50
Diana.	A very tall plant with many large pure red flowers, a rich mallow red, the finest yet produced.....	.75	7.50	60.00
Dainty Blossom.	Dainty medium sized flowers, white faintly tinged blush.....	.35	3.50	27.50
Empress of India.	Rich dark maroon, almost black—a rare colour.....	.15	1.50	10.00
Esta.	Tall strong spike of clear white with slight halo. An ideal cut flower...	.35	3.50	27.50
Europa.	The best white yet offered.....	.30	3.00	20.00
Evelyn Kirkland.	Rosy pink, darker at the edges, shading to shell pink in the centre.....	.25	2.50	15.00
Flaming Vale.	Very tall, long spikes with large deep cardinal red flowers. Throat a little deeper. Pure self colour effect. Very fine.....	.50	5.00	37.50
Flora.	A tall pure light yellow, one of the best.....	.25	2.50	15.00
George Paul.	Ox-blood red, shaded maroon.....	.10	1.00	7.50
Glory of Holland.	Glistening white. Blossoms large. Stalk tall and strong..	.10	1.00	7.50
Golden West.	Clear orange-scarlet, lower petals blazed with golden-yellow.....	.10	1.00	7.50

	Each	Doz.	Per 100		Each	Doz.	Per 100
Gretchen Zang. Soft salmon-pink shading to darker patch on lower petals. Blossoms large. Stalk tall. . . . .	.15	1.25	8.00	Pink Beauty Blotch. A very large flower and strong plant, colour fine pink with blotches on lower petals. . . . .	.15	1.50	10.00
Halley. Rich salmon-pink, fading to pale flesh at centre, patch of pale yellow striped with carmine. Blossoms large. Blooms early. . . . .	.05	.50	3.50	Pink Perfection. Light rose-pink of exceptionally beautifully tone. One of the finest. . . . .	.20	2.00	12.00
Herada. Pure mauve with deeper markings in the throat, blooms of immense size on tall straight spikes. . . . .	.35	3.50	27.50	President Menocal. Tall spike with large flowers, clear yellow bordered pink with fine red blotches. . . . .	.50	5.00	37.50
Ida Van. Cochineal red. Blossoms large. . . . .	.05	.50	3.50	Prince of India. Colour varies from light to deep smoky gray, many of the petals being zoned, banded and freely pencilled with dark slaty blue mottled with white. A variety of great oddity and beauty. . . . .	.50	5.00	37.50
Indian. Colour deep aniline or Indian red, many large flowers open at a time on a strong spike. . . . .	.50	5.00	37.50	Prince of Wales. Salmon-rose of exquisite tone, with lilac centre, patch of yellow and carmine on lower petals. Blossoms large and graceful. . . . .	.15	1.50	10.00
Lavender America. Large beautiful flower, deeper pink with more lavender tint than the variety America. . . . .	.50	5.00	37.50	Pythia. A gigantic red with many massive blossoms open at a time. Very showy variety.	1.00	10.00	
Liebesfeuer. Vivid deep scarlet, large number of flowers open at once. . . . .	.35	3.50	27.50	Red Cloud. Bright red with white bar on lower petals. Many blooms open at once. . . . .	.50	5.00	37.50
Le Maréchal Foch. Delicate pink-lavender, large flowers, very early. . . . .	.15	1.50	10.00	Red, White and Gold. Upper petals pure white, lower petals a rich lemon-yellow with a beautiful pelargonium-like blotch of rich red on each. A massive spike and good-sized flowers. . . . .	.50	5.00	37.50
Lily White. A fine show white of good height, good-sized blooms, many open at a time. . . . .	.35	3.50	27.50	Rev. Ewbank. A beautiful light porcelain blue, giving effect of almost solid colour. Early and good-sized flowers. . .	.35	3.50	27.50
Loveliness. Clear cream-tinted sulphur pink. . . . .	.20	2.00	12.00	Scarlano. Light bright orange-red, fine spike and flowers beautifully ruffled. . .	.50	5.00	37.50
Lucie. A tall fine yellow. A new introduction from Holland. . . . .	.50	5.00	37.50	Scarlet Princeps. Large scarlet flowers with six or more flowers open at one time. . . . .	.35	3.50	27.50
Magenta. Rich American Beauty rose colour, large individual flowers with many open at a time. . . . .	.35	3.50	27.50	Schwaben. Canary-yellow shading to sulphur, stripes of carmine on lower petals. Blossoms large. . . . .	.10	1.00	7.50
Marshal Foch. Flower is of immense size, well opened and beautifully ruffled, The colour is a warm salmon-pink, flaked and striped deeper salmon towards the edges of the petals. It is a most unusual and striking flower and is universally admired. . . . .	.35	3.50	27.50	Yellow Hammer. Pure yellow, large strong grower. An excellent sort. . . . .	.10	1.00	7.50
Mary Fennell. Pink-lavender, lower petals primrose yellow with lines of lavender. . . . .	.20	2.00	15.00	War. Deep blood-red, shaded crimson. Wide open flowers. . . . .	.15	1.25	8.50
Mary Pickford. Delicate creamy white with soft sulphur yellow throat, fine variety for early flowers. . . . .	.35	3.50	27.50	White Pearl. Neat and distinct variety of medium-sized blooms of pure white with Candidum Lily-like throat beautifully waved. . . . .	.30	3.00	20.00
Monon. Tall, dark rose-pink, flaked darker, and darker throat. White inner upper throat. Very large and fine. . .	.35	3.50	27.50	White Wonder. A magnificent large pure white flower, fine for cutting or exhibition.	1.00	10.00	
Mr. Mark. One of the best light blues with darker blotch. . . . .	.20	2.00	15.00	Wilbrink. A delicate creamy pink with throat markings of Halley. . . . .	.15	1.25	8.00
Mrs. Arthur Meeker. Exceptionally fine, deep American Beauty colour, beautiful and unusual shade. . . . .	.50	5.00	37.50				
Mrs. Dr. Norton. White shading to soft pink at edge of petals, lower petals blotched with sulphur. A very choice variety. . . . .	.50	5.00	37.50				
Mrs. Francis King. Rich orange-pink with red blotch on lower petal. . . . .	.05	.50	3.50				
Mrs. Frank Pendleton. Deep rose-pink of two tones, patch of carmine. . . . .	.15	1.25	8.00				
Mrs. Watt. French crimson of especially beautiful tone. . . . .	.10	1.00	7.50				
Myrtle. Exquisite soft tone of apple-blossom pink, throat white. Silver Medal from Massachusetts Horticultural Society. . . . .	.20	2.00	15.00				
Neoga. Dark garnet-red with deeper throat, partly ruffled. A fine variety. .	.15	1.50	10.00				
Niagara. Pale amber yellow, slightly tinged and pencilled with rose-pink. . .	.10	1.00	7.50				
1910 Rose. Very large flower. Pure rose-pink, extra fine shade, narrow white simple line on lower petals. . . . .	.20	2.00	15.00				
Pacific. Deep rose-pink, lighter in throat. Large flowers, many open, strong grower. Very choice. . . . .	.50	5.00	37.50				
Panama. Bright rosy-pink, with lines of deeper tone on lower petals. . . . .	.10	1.00	7.50				
Peace. White with slight bluish tint. Blossoms large. . . . .	.10	1.00	7.50				
Peach Rose. Deep rose-pink of remarkable distinction, very choice variety. . .	.75	7.50					

Breck's Gladioli Mixtures

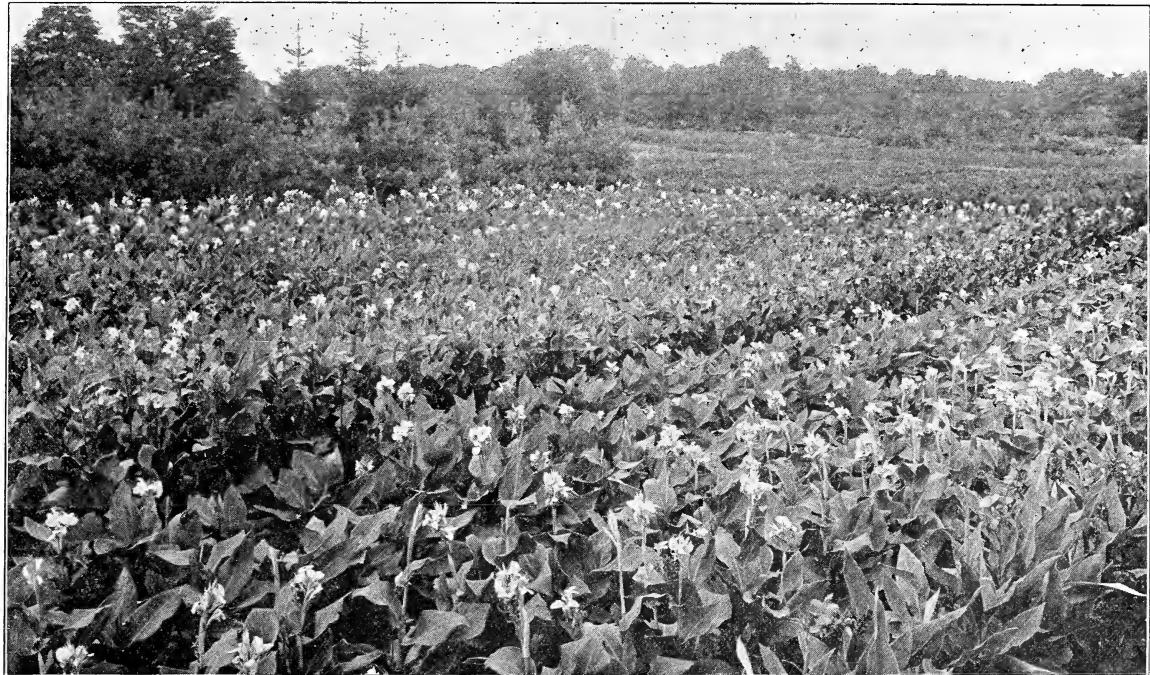
	Doz. Per 100
Blue and Lavender Shades.	\$1.00 \$7.00
Pink and Rose shades. . . . .	.60 4.00
Scarlet and Red shades. . . . .	.60 4.00
Striped and Variegated shades. . . . .	.60 4.00
White and Light shades. . . . .	.40 4.00
Yellow and Orange shades. . . . .	.75 6.00

Exhibition Mixture. Made up by us from popular varieties. *Per dozen, 75¢; per 100, \$5.00.*

Garden Mixture. A well-balanced mixture, mostly seedlings that can not be duplicated. *Per dozen, 50¢; per 100, \$3.50.*

Primulinus Hybrids Mixture. Named varieties in a beautiful combination of colours. *Per dozen, 60¢; per 100, \$4.00.*

BRECK'S POPULAR COLLECTION. This Collection, which has met with great favour in past seasons, is not a mixture, but comprises two dozen blooming-size bulbs in four named varieties, sent postpaid to any address for **\$1.50.**



One of our Canna Fields at Lexington

FLOWERING CANNAS

Our collection (the most complete in New England) comprises many of Wintzer's greatest creations in giant orchid-flowered Cannas, all of which have won the highest awards at the world's most notable exhibitions. These new and improved forms of Cannas must be seen to be appreciated. Their brilliancy of colour, perfect flower-spikes, and free blooming qualities combine to place them among the most popular of flowering plants for lawn decoration. Our Canna fields, when in bloom, always attract much attention and we cordially invite you to visit them in August and September.

Cannas thrive in any good garden soil, made rich with well-rotted stable dressing. Best results are obtained by starting the roots in-doors in pots during March or April, the plants being set out after the weather is settled and the ground warm, usually in May or June. For bedding, the plants are usually set 18 inches apart. We do not furnish dormant roots after April first, but have a full stock of growing plants in pots ready for setting as soon as weather conditions are favourable. By setting these pot-grown plants, one secures a much longer flowering period than when dormant roots are planted. Cannas continue to bloom freely until the frost cuts them down in the late Autumn, after which the roots should be lifted and stored in a dry place free from frost.

Price: \$2.50 for ten, \$18.00 for 100

DESCRIPTIVE LIST

- City of Portland.** Glowing salmon-pink. 3½ feet.
- Druid Hill (New).** Rich crimson. 4 feet.
- Dr. E. Ackerknecht.** Bronze-leaved. Deep rose flowers. 3 feet.
- Duke of Marlborough.** Dark velvety-crimson. 4 feet.
- Eureka.** Pure white, green foliage. 4½ feet.
- Firebird.** Rich, dazzling red. 4½ feet.
- Gladiator.** Deep yellow, dotted with red. 4½ feet.
- Golden Gate.** Orange, gold and crimson. 4 feet.
- Hungaria.** Beautiful rose-pink. 3½ feet.
- King Humbert.** The most popular bronze-leaved variety. Orange-scarlet flowers. 5 feet.
- Lafayette.** Large, rich crimson. A new variety of great merit. 4 to 5 feet.
- Mารos.** Creamy-white. 3½ feet.
- Meteor.** Rich dazzling crimson. 5 feet.
- Mrs. Alfred F. Conard.** Salmon pink. 4 feet.
- Mrs. Wilson.** Deep rose-pink. 4 feet.
- Nokomis.** Bronze-leaved. Scarlet flowers. 4 feet.

- Panama.** Orange-red bordered with golden-yellow. 5 feet.
- Pennsylvania.** Vermillion-scarlet. 5 feet.
- Princeton.** (New). Intense yellow. 4 feet.
- Richard Wallace.** Pure yellow. 4 feet.
- The President (New).** Rich, glowing scarlet. Large, full flowers. 4 feet.
- Wintzer's Colossal.** The largest flowered canna. Bright scarlet. 5 feet.
- Yellow King Humbert (New).** Yellow dotted with red. 4 feet.

Visit Our Nurseries

During Midsummer and early Autumn, many interesting and attractive features in and about our grounds will be found at their best. The Cannas, Dahlias, and Gladioli, as well as the Roses and perennial flowers, provide a continuous profusion of bloom until heavy frosts destroy them. A visit from you will be most welcome.

GREENHOUSE PLANTS—*Foliage and Flowering*

ALLAMANDA HENDERSONI

Tall, vigorous-growing greenhouse climber of easy culture; large flowers of orange-yellow with spotted throat; very free-flowering. *Each* from \$2.00 to \$5.00.

ASPARAGUS PLUMOSUS NANUS

One of the best decorative plants, either as a pot plant or for cutting purposes. *Each* from 35¢ to \$1.00; *doz.* from \$3.50 to \$10.00

ASPARAGUS SPRENGERI

Handsome variety of rapid growth. The fronds are frequently 8 feet in length and very useful for bouquets and table decoration. *Each* from 35¢ to \$1.00; *doz.* from \$3.50 to \$10.00.

ASPARAGUS DECUMBENS

Valuable new variety producing long tremulous sprays of delicate, finely cut foliage; splendid for hanging basket. *Each* \$1.00; *doz.* \$10.00.

ASPIDISTRA LURIDA

A favourite decorative plant with long stiff evergreen leaves; requires lots of water. *Each* from \$1.50 to \$3.50.

AZALEA KURUME—Japanese Azalea

Apple Blossom. The colour of this dainty flower is a delicate old rose suffusion on a silvery white ground; flowers single. *Each*, in 4 inch pot, \$2.00.

Cherry Blossom. The colour effect is that of cherry blossoms, the centre of the flower being a delicately lilac-tinted white, shading to delicate mauve-pink at the edges; semi-double. *Each*, in 6 inch pot, \$2.50.

Christmas Cheer. A real Christmas red; semi-double. *Each*, in 5 inch pot, \$2.00.

Coral Bells. Dainty semi-double medium-sized blooms of pleasing coral pink. *Each*, in 4 inch pot, \$2.00.

Daphne. Pure white with just a faint suffusion of delicate mauve towards the ends of the petals; single. *Each*, in 5 inch pot, \$2.00.

Peach Blow. A beautiful peach-blossom pink, shading lighter towards the centre, a perfect gem; single. *Each*, in 5 inch pot, \$2.50.

Pink Pearl. A beautiful salmon-carmine, shading lighter to the centre; flowers semi-double and remarkably free in large full trusses. *Each*, in 5 inch pot, \$2.50.

Huebner's New and Rare Seedlings in a wonderful assortment of new colours. Write for a list of varieties and prices.

BEGONIAS

Fibrous Rooted, Winter Flowering Varieties

Gloire de Lorraine, Glory of Cincinnati, Melior, Mrs. J. A. Peterson. May and late delivery. *Each*, 50¢ to \$1.00; *doz.* \$5.00 to \$10.00; *per 100*, \$40.00 to \$75.00.

Tuberous Rooted, *each* \$2.50. Assortment of varieties on application.

FRAU HELENE HARMS

A Begonia that thrives in strong sunlight. Originally introduced into this country in 1910. This Begonia will grow equally well in pots, greenhouse, house conservatory, or out of doors in the open border. Tuberous rooted, foliage dark green, of rank growth, with small leaves. Flowers freely with blossoms about the size of a half dollar. Full-grown plants are about eight inches in height. Flowers out of doors are a beautiful clear orange colour, in-doors or under glass, a light yellow. The stock has been remarkably free from disease, and will stand up under long continued wet weather. If beaten down by heavy rain and wind storms a few hours of sunshine will revive the plant and blooms. An unusual feature of this Begonia is the fact that the strongest sunshine has no effect upon it, except to promote the growth of the plant and blooms.

“Frau Helene Harms” was awarded first class certificate of merit by the Massachusetts Horticultural Society in 1921. In 1921 it was awarded the silver medal by the same society, also certificate of merit from the Newport Horticultural Society. The amount of propagating stock available is limited. If ordered now, we will be able to furnish strong-grown, well-rooted plants in April and May, 1924. We insure their safe arrival. They will be about ready to bloom when received, and, if accorded the usual treatment for Tuberous Begonias, “Frau Helene Harms” will continue to bloom from May until Thanksgiving under glass, and out of doors from May until the first killing frost.

Price: each, \$1.50; *doz.* \$15.00; *per 100*, \$100.00.

BOUGAINVILLEA SANDERIANA

This fine free-flowering Spring plant can be well grown under cool house conditions; flowers of orchid violet shade. Specimen plants. *Each*, \$1.50; \$2.00, \$2.50.

Bougainvillea Crimson Lake. Large flower of brilliant crimson. *Each*, 50¢; 75¢ and \$1.00.

BOUVARDIA

Each, 50¢; *doz.* \$5.00.

Humboldtii. White. **Mrs. Chas. E. Hughes.** Light pink. **Grandiflora Alba.** **Rosea.** Deep pink.

BUDDLEIA ASIATICA

A splendid new greenhouse shrub producing quantities of pure white flower spikes in graceful recurving racemes; in bloom from November to March. The flowers when cut have unusual keeping qualities. *Each*, 25¢ to 50¢; *doz.* \$2.50 to \$5.00.

CALADIUMS—Fancy Leaved

Choice collection of fine highly coloured sorts, suitable for greenhouse work. *Each* \$1.00; *doz.* \$10.00.

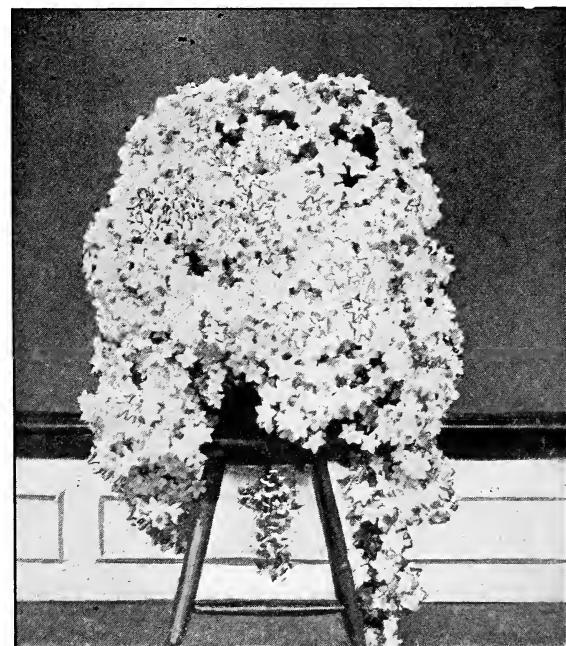
CALCEOLARIAS

Calceolaria Baleri. Identical in form with but different in colour from the varieties *Lymani* and *Stewarti*. A rich shade of deep golden-bronze; a handsome plant of compact habit. *Each* \$1.00; *doz.* \$10.00.

Calceolaria Stewarti. A very beautiful form of *Calceolaria* bearing large sprays of clear yellow flowers very freely; excellent for conservatory decoration. *Each* \$1.00; *doz.* \$10.00.

Calceolaria Lymanii. A cross between the *Herbaceous* and the shrubby type. It is a much stronger grower than either of the parents; very compact in growth. A plant three feet in diameter can be grown in one year. The colour is a bronzy red with a yellowish tinge showing through the red. Easily propagated from the young growths in December, and as late in Spring as April. *Each* \$1.00; *doz.* \$10.00.

Calceolaria “Breck's Prize.” A splendid collection of most beautiful and varied flowers, exquisitely spotted and blotched. *Each* 75¢; *doz.* \$7.50.



Campanula Isophylla

CAMPANULA ISOPHYLLA—Star of Bethlehem

This old-fashioned Campanula has been grown for a good many years and is now commonly known as “Star of Bethlehem.” The plants produce large star-shaped white flowers in great profusion; most beautiful when grown in suspended pots or hanging baskets. *Each* 75¢; *doz.* \$8.00.

CARNATIONS

Prices except where otherwise noted:

Rooted Cuttings: doz. \$1.25; per 100, \$10.00.

Potted Plants: doz. \$2.00; per 100, \$15.00.

★**Aviator.** Brilliant scarlet of medium size.

Beacon. Considered to be one of the best scarlets.

★**Bonera.** The best variegated variety, cream white penciled bright red.

Enchantress Supreme. Light salmon pink.

Eureka. Bright scarlet, an improved *Beacon*, brighter in colour.

Harvester. A new White of great promise sent out as a free-flowering sort that will be found excellent for general growing. Not so large a flower as *Thomas C. Joy*, but very early-flowering and very free. *Rooted Cuttings:* doz. \$3.00; per 100, \$20.00. *Potted Plants:* doz. \$4.00; per 100, \$25.00.

Hope Henshaw. A new dark pink. The growers of Carnations have been pleased with both flower and plant. It is not a heavy grower, making little surplus wood, but it comes into flower early and makes good production records. It is cerise-pink in colour, being much deeper than *Mrs. C. W. Ward*. *Rooted Cuttings:* doz. \$3.00; per 100, \$20.00. *Potted Plants:* doz. \$4.00; per 100, \$25.00.

★**Laddie.** The best variety yet offered. The large flowers of salmon-pink have the very best keeping qualities. *Rooted Cuttings:* doz. \$3.00; per 100, \$20.00. *Potted Plants:* doz. \$4.00; per 100, \$25.00.

★**Maine Sunshine.** Rich pure yellow, blooms are large and well formed; long stems, calyx does not split. *Rooted Cuttings:* doz. \$4.00; per 100, \$25.00. *Potted Plants:* doz. \$5.00; per 100, \$35.00.

Matchless. A most dependable white variety, needs to be planted early.

★**Mrs. C. W. Ward.** The most popular variety; colour deep pink.

Thomas C. Joy. This white Carnation has received the enthusiastic endorsement of many of the largest Carnation growers throughout the country. It is free-flowering and makes a fine plant. The flower is of good size and is carried on a good strong stem. The fringed petals are attractive and the fragrance very pronounced. *Rooted Cuttings:* doz. \$3.00; per 100, \$20.00. *Potted Plants:* doz. \$4.00; per 100, \$25.00.

White Delight. The white sport of the older favourite, *Pink Delight*. It is a free-flowering sort that comes into flower early. Flower is of medium size, beautifully formed and carried on long, strong stems.

White Enchantress. One of the finest white sorts.

★**White Wonder.** Large pure white blooms on long wiry stems.

CHRYSANTHEMUMS

CHOICE LARGE-FLOWERED VARIETIES

Prices except where otherwise noted:

Rooted Cuttings: doz. \$1.50; per 100, \$10.00.

Potted Plants: doz. \$2.00; per 100, \$15.00.

C. H. Totty. Large flowers of chestnut scarlet.

Chadwick Supreme. Bright pink; sport of *W. H. Chadwick*. ★**December Beauty.** White with light pink shading. This variety is by far the largest and finest December flowering variety. *Potted Plants:* doz. \$4.00; per 100, \$25.00.

December Gem. White with slight pink tinge, ball shaped.

★**Golden Chadwick.** Rich yellow, one of the best late varieties.

Mrs. C. W. Johnson. Massive pure white flower, that for form, purity, stem, and foliage can hardly be equalled.

Odessa. Perfect form and colour; best yellow for exhibition.

★**Wells Late Pink.** Clear bright pink.

W. H. Chadwick. White, slightly pinkish when grown cool.

★**William Turner.** Pure white, incurved and extremely large.

★**Yellow William Turner.** Yellow sport of *William Turner*; fine for exhibition purposes.

STANDARD LARGE-FLOWERED VARIETIES

Rooted Cuttings: doz. \$1.00; per 100, \$7.50.

Potted Plants: doz. \$1.50; per 100, \$10.00.

Charles Razer. Much like *Bonnafon* in form; pure white, large flowers.

★**Chrysolora.** Considered the finest early yellow variety.

Colonel Appleton. Favourite yellow, useful for exhibition and cutting.

★**Dr. Enguehard.** A late commercial pink.

Early Frost. Pure white flowers, perfect in form and full to the centre.

Glory of the Pacific. Dwarf-growing early-flowering pink.

Major Bonnafon. Popular commercial variety, golden-yellow incurved.

★**Pacific Supreme.** The most widely grown early pink.

Polly Rose. Dwarf early pure white.

Yellow Polly Rose. A clear yellow sport of *Polly Rose*.

CINERARIAS

Grown from our Columbia Strain, selected for size, shape, colour, and substance. *Doz.* \$3.00; *per 100*, \$20.00.

CROTONS

This class includes some of the most beautiful greenhouse foliage plants, bright colours handsomely variegated. Plants offered are from a collection comprising 200 varieties. *Prices from* \$1.50 to \$3.00 *each*; \$16.00 to \$30.00 *per doz.*

Cröton Punctata. One of the finest and most satisfactory varieties for basket work and centre of ferneries. *Prices from* 75¢ to \$1.00 *each*; \$8.00 to \$10.00 *per doz.*

CYCLAMEN

Our Imperial Strain cannot be surpassed for quality, size of flower, and colour. The plants are all of the true Giganteum type and can be had in separate colours for Spring delivery from 2½ inch pots. *Doz.* \$5.00; *per 100*, \$35.00.

CYPERUS ALTERNIFOLIUS — Umbrella Plant

A splendid greenhouse plant, of compact habit with long narrow green leaves. *Each*, 50¢ to \$1.00.

DRACÆNA

Frangrans. One of the best for decorative purposes; beautiful deep green. *Each*, \$1.50 to \$2.50.

Godseffiana. Green and white leaf, very hardy; fine as a decorative plant. *Each*, \$1.00 to \$1.50.

Indivisa. A very useful plant for decorative purposes, the leaves drooping outward in a graceful manner, plain green. *Each* 75¢ to \$1.50.

Lindeni. Same type as *Massangeana* but with the golden stripes on the outer edge of the leaves. *Each* \$2.00 to \$3.50.

Massangeana. The best variety for the house; bright golden stripe down the centre of each leaf. *Each* \$1.50 to \$3.50.

Terminalis. An old favourite, dark green with reddish variegation. *Each* \$1.00 to \$2.50.

Tricolor. Very rare combination of colouring in pink, white, and green; attractive and distinct. *Each* \$3.00 to \$5.00.

ERICA MELANTHERA.

A most popular variety of the Heather family, white tinged pink, profuse blooming. *Each* 50¢; *doz.* \$5.00; *Large plants* each \$2.50 to \$3.50.

FERNS

Adiantum Cuneatum. Best known variety of Maidenhair fern; for cutting. *Each*, 50¢ to \$1.00; *doz.* \$5.00 to \$10.00.

★**Adiantum Farleyense Gloriosum.** An improved Farleyense, strong growing, producing fronds almost 2 feet long. *Each*, \$1.00; *doz.* \$10.00.

Asplenium Nidus Avis. Commonly known as the "Bird's Nest" fern, as it grows in similar form; bright green. *Each*, \$1.50 to \$2.00.

NEPHROLEPIS FERNS

★**Bostoni.** *Each* \$1.00 to \$2.00; *doz.* \$10.00 to \$20.00.

Elegantissima Compacta. *Each* \$1.00 to \$2.00; *doz.* \$10.00 to \$20.00.

Norwood. *Each* \$1.25; *doz.* \$12.00.

Roosevelt. *Each* \$1.00 to \$1.50; *doz.* \$10.00 to \$15.00.

Scottii. *Each* \$1.00 to \$2.00; *doz.* \$10.00 to \$20.00.

★**Teddy Junior.** *Each* \$1.00 to \$2.00; *doz.* \$10.00 to \$20.00.

Veronia. *Each* \$2.00; *doz.* \$20.00.

Victoria (The Victory Fern). *Each* \$2.00 to \$5.00.

Ferns Assorted. Suitable for dishes and ferneries, the most desirable varieties for this purpose. 2½ inch pots.

Doz. \$1.75; *per 100*, \$14.00.

FICUS ELASTICA — Rubber Plant

The well known rubber plant which is very extensively grown and is one of the very best house plants. *Each* \$1.00 to \$3.00.

FICUS UTILIS

Thick leathery leaves of a rich green with midrib and veins of ivory white. *Each* \$2.00 to \$3.00.

FITTONIA

Argyronema. Trailing evergreen leaves interlaced with a network of pure white veins. *Each* 50¢; *doz.* \$5.00.

Verschaffeltii. Large dark green leaves midrib and veins dark red. *Each* 50¢; *doz.* \$5.00.

FUCHSIAS

For flowering in the greenhouse and conservatory during the Summer months, or for house and window decoration the old-fashioned drooping-flowered Fuchsias cannot be excelled. Each 35¢ to \$1.00.

GARDENIA VEITCHII — Cape Jessamine

Beautiful greenhouse evergreen shrub with waxy white flowers very sweet-scented.

3 inch pots. Each 75¢; doz. \$7.50.
4 inch pots. Each \$1.00; doz. \$10.00.
5 inch pots. Each \$1.50; doz. \$15.00.

GENISTA

Canariensis. Clear bright yellow flowers usually grown into compact form.

3 inch pots. Each 75¢; doz. \$7.50.
4 inch pots. Each \$1.00; doz. \$10.00.
5 inch pots. Each \$1.50; doz. \$15.00.

Racemosa. Large-flowered well grown plants. Each \$1.00 to \$3.00.

GERANIUMS

Universal and general favourites with a wealth of bloom at all seasons of the year. We offer a splendid assortment of both double and single varieties for pot culture. Each 50¢; doz. \$5.00.

GREVILLEA ROBUSTA

A very easily grown foliage plant of bright graceful habit. Each 50¢; doz. \$5.00.

HEATHER — Calluna Vulgaris

The popular Scotch Heather, makes an excellent plant for conservatory or house; small shrubs covered with pretty rose-pink flowers. Each \$1.00; doz. \$10.00.

HYDRANGEA OTASKA

Popular variety very useful for garden and pot plants, producing large heads of pink and blue flowers during the Summer. Each \$1.00 to \$3.00.

HYDRANGEA HORTENSIS

Each 50¢; doz. \$5.00.

Large plants, each \$1.00 to \$2.00; doz. \$10.00 to \$25.00.

•Avalanche. Large pure white.

Baby Bimber. Compact silvery rose.

•Eclaireur. Carmine rose.

E. G. Hill. Large clear pink.

Gen. De Vibraye. Bright rose-pink.

Lilie Mouillere. Rosy carmine.

•Mme. Auguste Nonin. Pretty pale pink.

Mme. E. Mouillere. Popular white.

Mme. R. Jacquet. Rich light pink.

Mont Rose. Everblooming pink.

•Souvenir de Lieut. Chaire. Large bright rose.

Souvenir de Mme. E. Chautard. Early free-flowering pink.

ISOLEPIS GRACILIS

A useful plant with grass-like foliage; splendid for use in jardinières. Each 25¢; doz. \$2.50.

HEDERA HELIX — English Ivy

A very useful trailing or climbing plant with dark glossy evergreen leaves. Each 50¢; doz. \$5.00. **Large specimen plants, each \$1.00 to \$5.00.**

LATANIA BORBONICA

Useful decorative plant; leaflets very much reflexed with recurving fan-shaped leaves. Each \$1.50 to \$3.00.

NEPHTHYTIS TRIPHYLLO

A pretty stove creeper; dark green leaves beautifully marked white. Each \$1.00; doz. \$10.00.

PALMS

Areca Lutescens. One of the best decorative palms, graceful and ornamental long rich green leaves. Each \$1.50 to \$5.00.

Coccocephala Weddeliana. This is the best of the small Palms and should be included in every collection; splendid for ferneries and small fancy dishes. Each, 50¢; doz. \$5.00.

Kentia Belmoreana. A most useful variety for all decorative purposes, will withstand considerable rough usage. Each, 50¢ to \$1.00; doz. \$5.00 to \$10.00. **Large Specimen plants: each, \$3.00 to \$5.00.**

Kentia Forsteriana. Similar in habit to *Belmoreana*, but of stronger growth and heavier foliage. Each, 50¢ to \$1.00; doz. \$5.00 to \$10.00; **Large Specimen plants: each, \$3.00 to \$5.00.**

Phoenix Roebeleni. Graceful light Palm, splendid for house culture, strong vigorous-growing with recurving leaves. Each, \$3.50 to \$15.00.

PANDANUS VEITCHII

A most useful house and decorative plant with long narrow variegated leaves striped white on green. Each, \$1.50 to \$3.50.

PANICUM VARIEGATUM

An elegant greenhouse plant useful for hanging baskets and pots, leaves white striped and tinted pink. Each, 50¢; doz. \$5.00.

PELARGONIUMS

We have an assortment of the very best varieties, any of them sure to give satisfaction. Each, 75¢ to \$1.00; doz. \$7.50 to \$10.00.

PEPEROMIA ARGYREIA

Handsome plant of compact habit with thick fleshy leaves of metallic white veined green. Each, 50¢; doz. \$5.00.

PLUMBAGO CAPENSIS — Leadwort

A beautiful greenhouse shrub with small green leaves and mauve-coloured flowers. Each, 50¢; doz. \$5.00.

POINSETTIA

The Poinsettia does not properly come under flowering plants. The gorgeous colouring during December is due to the maturity of the bracts and gives the appearance of a flower in reality. **Per doz., \$5.00 to \$7.50; per 100 \$35.00 to \$60.00.**

PRIMULAS

Primula Chinensis. The plants we offer are grown from our own Superb Strain of seed and are of vigorous growth producing very large blooms in separate shades. Small plants for growing on, **per doz., \$2.50; per 100, \$18.00.**

Primula Malacoides. Makes a splendid pot plant for greenhouse decoration during the Winter; in separate shades. Small plants for growing on, **per doz., \$2.50; per 100, \$18.00.**

Primula Obconica Grandiflora. Splendid strain of these very free-flowering Primulas unexcelled for pot culture; in separate shades. Small plants for growing on, **per doz., \$2.50; per 100, \$18.00.**

ROSES for the GREENHOUSE

Prices of the following for delivery after May first:

Grafted in 3 inch pots, per doz., \$7.00; per 100, \$50.00.

Grafted in 4 inch pots, per doz., \$8.50; per 100, \$65.00.

Columbia. A pleasing shade of rose-pink double flowers; an excellent Winter-blooming variety.

Double White Killarney. Large double pure white flowers of great substance, the best White Rose for forcing.

Evelyn. A sport of *Ophelia*, very double, similar in colour except that the salmon is a trifle more pronounced at the base of the petals.

Golden Ophelia. Bright yellow shading to pale yellow at the edge of the petals; fragrant, vigorous, and robust in growth.

Hadley. Beautiful deep crimson, good strong grower; fragrance is unsurpassed; a great favourite.

Hoosier Beauty. Vigorous grower producing long flowering shoots which come to maturity quickly. Flowers of deep crimson and are of exceptional keeping quality.

Killarney Brilliant. The best Dark Pink Rose for general growing.

Lady Alice Stanley. Deep clear rose-pink double flowers; grows well and flowers freely; is highly recommended.

Lady Hillingdon. Glorious shade of copper-yellow improving in colour as the flower matures; good habit and free-flowering.

Ophelia. The best Light Pink Rose; salmon flesh shading to yellow at the base; very attractive.

Premier. Free and easy grower, clear pure shade of rose-pink, stems stiff and almost thornless; distinct and valuable variety.

Radiance. Produces good flowers of cerise-pink, free-flowering and easy grower; a favourite rose for forcing.

Red Radiance. Red sport of *Radiance*; highly recommended.

Richmond. Beautiful formed flowers of bright scarlet, an improvement on any other variety of Red Roses.

Sunburst. Long pointed buds that open perfectly with a sunburst of deep golden-yellow; the best Yellow Rose grown. Own root stock only.

White Killarney. One of the best white sports of *Killarney*, it is a stronger grower than the parent.

SANTPAULIA IONANTHA — African Violet

One of the choicest blue Winter flowering plants. Each, \$2.00.

SANSEVIERIA ZEYLANICA

Plant of easy culture for house decoration, sword-shaped variegated leaves. Each, \$1.00 to \$2.00; doz. \$10.00 to \$20.00.

SMILAX

An elegant greenhouse climber, used extensively for table decoration when cut. **Per doz., \$2.50; per 100, \$15.00.**

STEVIA SERRATA

Free-blooming plants, bearing quantities of fragrant pure white flowers; suitable for Winter flowering, largely used for cutting. **Per doz., \$2.50; per 100, \$15.00.**

TRADESCANTIA ZEBRINA

Common greenhouse trailing or hanging plant, useful for baskets, fancy striped foliage. Each, 35¢; doz. \$3.50.

SUMMER BEDDING PLANTS

Pot-grown for planting after the first of May



Breck's Improved Midsummer Asters

ABUTILON

For ten, \$3.00; for 100, \$20.00.

ACHYRANTHUS

Brilliant. Foliage bronze-purple. For ten, \$1.50; for 100, \$10.00.
Variegata. Foliage green and white. For ten, \$1.50; for 100, \$10.00.

AGERATUM — FLOSS FLOWER

Perfection. Choice dark-blue. For ten, \$1.50; for 100, \$10.00.
ALYSSUM — SWEET ALYSSUM

Little Gem. Dwarf white for edging. For ten, \$1.00; for 100, \$7.00.

ANTIRRHINUM — SNAPDRAGON

Breck's Large Flowered. In colours pink, scarlet, white, and yellow. For ten, \$1.50; for 100, \$10.00.

Nelrose. Beautiful pink. For ten, \$1.50; for 100, \$10.00.

ASTERS

American Branching. White, pink, light-blue and scarlet. For ten, 50¢; for 100, \$3.50.

Giant Grego. Lavender, blue, shell-pink and white. For ten, 50¢; for 100, \$3.50.

BEGONIA

Gloire de Chatelaine. Rose-colour. For ten, \$2.00; for 100, \$15.00.

Gracilis. White, red, and pink. For ten, \$2.00; for 100, \$15.00.
New Scarlet (Bonfire). For ten, \$2.00; for 100, \$15.00.

Tuberous-rooted. Grows best in partial shade. A wide range of colours, both double and single flowers. For ten, \$3.50; for 100, \$25.00.

BELLIS PERENNIS — DAISY

English. Finest mixed. For ten, \$1.50; for 100, \$10.00.

CALADIUM — ELEPHANT'S EAR

Esculentum. Strong plants. For ten, \$3.50; for 100, \$25.00.

CALENDULA — POT MARIGOLD

Meteor. Orange, cream centre. For ten, \$1.50; for 100, \$10.00.

Prinee of Orange. Extra good. For ten, \$1.50; for 100, \$10.00.

CARNATION

Marguerite. Finest mixed. For ten, \$2.00; for 100, \$15.00.

CELOSIA — COCKSCOMB

Dwarf. Crimson or yellow. For ten, \$1.50; for 100, \$10.00.

Plumosa. Crimson or yellow. For ten, \$1.50; for 100, \$10.00.

CENTAUREA — DUSTY MILLER

Candidissima. Silvery foliage. For ten, \$1.50; for 100, \$10.00.

Cyanus (Bachelor's Button). Blue. For ten, \$1.50; for 100, \$10.00.

COBÆA — CUP AND SAUCER VINE

Scandens. Rapid climbers, 12 feet. For ten, \$2.50; for 100, \$18.00.

COLEUS — FLAME NETTLE

Dr. Ross. Leaves crimson edged with green. For ten, \$1.25; for 100, \$8.00.

Golden Bedder. Fine yellow. For ten, \$1.25; for 100, \$8.00.

Queen Victoria. Crimson, golden edge. For ten, \$1.25; for 100, \$8.00.

Verschaffelti. The popular crimson. For ten, \$1.25; for 100, \$8.00.

Mixed, our selections. For ten, \$1.25; for 100, \$8.00.

COSMOS

Early-flowering. White, pink, and red. For ten, \$1.25; for 100, \$8.00.

CUPHEA — CIGAR PLANT

Platycentra. Scarlet tube-shaped flowers. For ten, \$1.50; for 100, \$10.00.

DRACÆNA — INDIVISA

Choice Selected Plants. For ten, \$7.50.

Larger Plants. For ten, \$10.00.

MATRICARIA — FEVERFEW

Double White. Free flowering. For ten, \$2.00; for 100, \$15.00.

MYOSOTIS — FORGET-ME-NOT

For ten, \$1.50; for 100, \$10.00.

FUCHSIA

Various Colours. Double and single. For ten, \$3.00; for 100, \$20.00.

GERANIUMS

Prices: \$3.00 for ten, \$20.00 for 100

Alliance (Double, Ivy-leaved). Lilac white.

Alphonse Ricard (Semi-double). Bright vermillion-scarlet.

Annie Vincent (Semi-double). Bright pink.

Beaute Poitevine (Semi-double). Light salmon-pink. A great favourite.

Double Dryden (Double). Coral-white, shading through lilac to crimson.

Jean Vland (Semi-double). Bright mauve-rose, white centre.

La Favourite. The finest double white, continuous bloomer.

Mme. Salleroi. Variegated-leaved; dwarf, for borders and edging.

Mrs. E. G. Hill (Single). Soft light salmon-pink.

Mrs. Lawrence (Semi-double). Pale salmon-pink.

Ryeroft's Surprise (Ivy-leaved). Clear rose-pink.

S. A. Nutt (Double). Rich, dark crimson, free flowering.

Sweet Scented. Rose, Lemon, etc.

HELIOTROPE

Centefleur. Rich, deep violet. For ten, \$2.25; for 100, \$15.00.

HOLLYHOCKS. See Herbaceous Perennials, page 29.

HYDRANGEA OTAKSA — GARDEN HYDRANGEA

Large Pink or Blue flowers. In pots, 25¢ each.

Specimens in tubs, \$1.00 to \$5.00 each.

IVY

English. Small pot-plants for window-boxes. For ten, \$2.00; for 100, \$15.00.

German. For ten, \$1.25; for 100, \$8.00.

LANTANA

Alba Perfecta. Best white. For ten, \$1.50; for 100, \$10.00.

Craigl. Rich orange-scarlet. For ten, \$1.50; for 100, \$10.00.

Mere Jaune. Deep golden-yellow. For ten, \$1.50; for 100, \$10.00.

Rosea. Rosy-lilac. For ten, \$1.50; for 100, \$10.00.

LEMON VERBENA

Good Plants. For ten, \$2.50; for 100, \$18.00.

Extra Size. For ten, \$3.50; for 100, \$25.00.

LOBELIA

Crystal Palace compacta. Dwarf dark-blue. For ten, \$1.25; for 100, \$8.00.

Erinus gracilis. Trailing dark blue. For ten, \$1.25; for 100, \$8.00.

MARGUERITE

White and Yellow. For ten, \$3.50; for 100, \$25.00.



Giant African Marigolds

MARIGOLD

Dwarf French. For ten, \$1.25; for 100, \$9.00.

Giant African. Lemon and orange. For ten, \$1.25; for 100, \$9.00.

MIGNONETTE

Machet. Sweet scented. For ten, \$1.25; for 100, \$9.00.

MONEYWORT — CREEPING JENNY

Valuable for planting under trees. For ten, \$1.50; for 100, \$10.00

MYRTLE — VINCA MINOR

For graves and rock-work. Baskets, each 35¢; plants, for ten, \$2.00; for 100, \$12.00.

NASTURTIUMS

Dwarf Mixed. For ten, \$1.25; for 100, \$8.00.

Tall Mixed. For ten, \$1.25; for 100, \$8.00.

NICOTIANA — TOBACCO PLANT

Affinis. Pure white flowers. For ten, \$1.50; for 100, \$10.00.

Alata. Pink flowers. For ten, \$1.50; for 100, \$10.00.

PANSIES

Giant. Mixed or in colours. Baskets 35¢ each; plants, for ten 50¢; for 100, \$4.00.

PETUNIA

Double. Assorted colours. Each, 25¢; for ten, \$2.50; for 100, \$18.00.

Ruffled Giant. Single, fine markings. For ten, \$1.50; for 100, \$10.00.

Rosy Morn. Bright rosy-pink. For ten, \$1.25; for 100, \$9.00.

Breck's Violet Velvety Blue. A great acquisition to the Petunia family; must be seen to be appreciated. For ten, \$2.00; for 100, \$15.00.

PHLOX

Drummondii. Four colours. For ten, \$1.00; for 100, \$7.50.

RICINUS — CASTOR OIL BEAN

Green or Red. For 10, \$2.00; for 100, \$15.00.

Extra Large Plants. For ten, \$3.00.

SALPIGLOSSIS

Grand Mixed or separate colours. For ten, \$1.75; for 100, \$12.00.

SALVIA — SCARLET SAGE

Splendens (Bonfire). Bright scarlet. For ten, \$1.50; for 100, \$10.00.

Zurich. Dwarf scarlet. For ten, \$1.50; for 100, \$10.00.

SCABIOSA — MOURNING BRIDE

Finest Mixed. For ten, \$1.25; for 100, \$9.00.

STOCKS — CUT-AND-COME-AGAIN

Lexington Strain. In colours. For ten, \$1.50; for 100, \$10.00.

TORENIA

Fournieri. Dwarf blue, for edging. For ten, \$1.50; for 100, \$10.00.

VERBENA

Breck's Mammoth. Pink, white, blue and scarlet. For ten, \$1.50; for 100, \$10.00.

VINCA — PERIWINKLE

Major Variegata. Variegated-leaved trailer for vases and boxes. 4 inch pots, Each, 40¢; for ten, \$4.00; for 100, \$30.00.

Rosea. Red and white. For ten, \$2.00; for 100, \$15.00.

VIOLETS

Cornuta Atropurpurea. For ten, \$3.00; for 100, \$20.00.

Tufted Pansies. Yellow, purple, and white. For ten, \$2.50; for 100, \$15.00.

WALLFLOWER

Mixed colours. For ten, \$2.00; for 100, \$15.00.

ZINNIA

Breck's Prize Strains. White, pink, yellow, and scarlet. For ten, \$1.25; for 100, \$9.00.



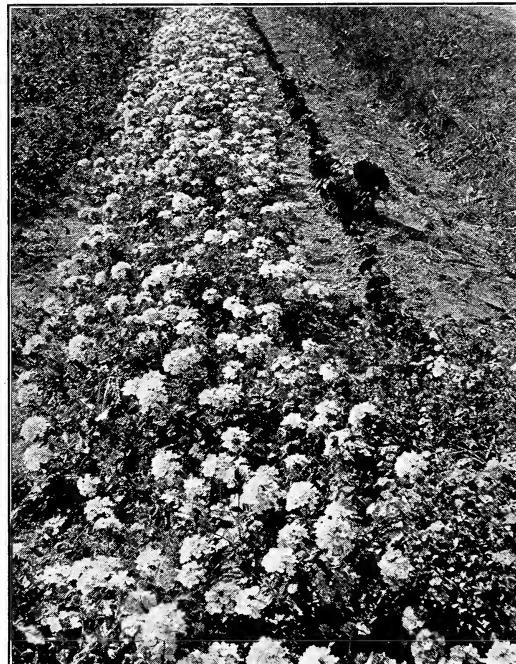
Breck's Prize Strain Zinnias

A New Verbena

"MAYFLOWER"

Exquisite pink of the shades found in the Trail-ing Arbutus, with flowers double the size of any other variety. A robust grower, very floriferous, and a sensation wherever shown.

Price: 35¢ each; \$3.00 for ten



A Bed of Mayflower Verbenas in our Trial Grounds

HARDY PERENNIAL PLANTS

The Hardy Perennials supply us with some of the most beautiful and interesting plants available for out-of-door culture. By judicious selection from their almost endless variety a continuous succession of bloom from Spring until frost, with wonderful range of colour, may be obtained. Plants will be found suitable for massing, for bedding, and for borders, also for cutting. Advice as to selection and arrangement is gladly furnished

Prices except as otherwise noted: 30c each, \$2.50 for ten, \$20.00 for 100



Heliopsis Persicæfolia

Heliopsis Persicæfolia

THE new Japanese Sunflower. A magnificent semi-double variety, perfectly hardy, growing 4 feet high. Splendid for cutting.

Price from 3 inch pots: \$2.50 each

ACHILLEA — YARROW

A. *ptarmica* fl. pl. (*The Pearl*). One of our best border Perennials; erect stems, 18 inches, terminating with pure white flowers, exceedingly double; June to September.

ACONITUM — MONKSHOOD

Price: 35¢ each, \$3.25 for ten, \$30.00 for 100

A stately group of plants for the wild garden, shrubby borders, and in shady spots, where they do well. They grow 3 to 5 feet high, producing large spikes of blue, white, purple, and yellow flowers not unlike the *Delphiniums*.

A. *acutum* (*Tall Monkshood*). Deep blue. August and Sept.

A. *barbatum*. Blue, July.

A. *Fischeri*. A dwarf variety, growing 18 inches high, with very large, pale blue flowers in September and October.

A. *Napellus*. June to September. Flowers dark blue. 3½ ft.

A. *Napellus Bicolor*. Large blue-and-white flowers.

AGROSTEMMA — MULLEIN PINK

of easy cultivation. Foliage oval and light gray, with abundance of flowers. Excellent and showy plants for borders.

A. *coronaria*. June to August. Rose-crimson flowers. 2 feet.

A. *Flos-Jovis*. June and July, 12 to 18 inches. Forms a pretty, symmetrical bush, having soft, downy foliage and clustered heads of bright rose-coloured flowers continuing in blossom for a long time.

ALYSSUM — MADWORT

A. *saxatile compactum*. April to June. 1 foot. Broad velvety gray foliage, surmounted by elegant, small fragrant yellow flowers, in heads.

ALTHEA ROSEA — HOLLYHOCK

Few hardy plants are more worthy of cultivation than Hollyhocks. For interspersing among shrubbery or planting in rows back of lower growing plants they are most valuable. Whether single or double, they appear in the most lovely shades of colour. They thrive in any good soil; a slight protection in Winter is beneficial.

var. *Alleghany*. Large double flowers with fringed petals; colour pink or carmine.

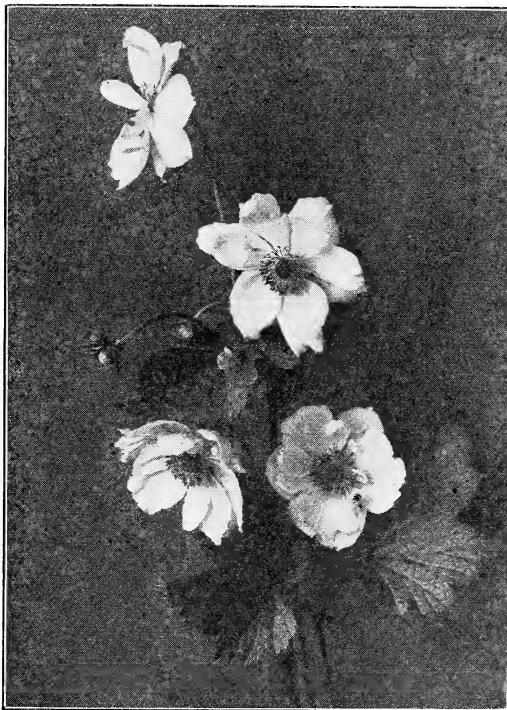
Double in colours: carmine, pink, red, salmon, white, yellow.

Single in colours: pink, red, and white.

Mixed, double or single.

ANCHUSA — ALKANET

A. *Italica*, *Dropmore*. An improvement on the old Italian Alkanet; grows 5 feet high and produces its pretty gentian-blue flowers throughout the entire Summer.



Anemone Japonica

ANEMONE — WINDFLOWER

A. *Japonica*. September until frost. 3 to 4 feet. It is of vigorous growth, with handsome foliage, and the flowers of a pinkish red are freely produced on long stems, and are of great merit for cutting.

A. var. *alba*. September to November. Pure, large white flowers with yellow stamens. The latest-flowering perennial we have and equalled by few hardy plants. This and the pink form should be protected by a heavy mulching of leaves.

A. var. *Queen Charlotte*. The finest of all Anemones. It blooms much earlier than the old varieties, and the flowers are not spoiled by the early frosts. The flowers are rose-pink. 2 to 3 feet.

A. var. Whirlwind. A semi-double white form. The flowers, which are $2\frac{1}{2}$ to 3 inches across, have several rows of white sepals, and the blooms last much longer than those of the single variety. 3 to 4 feet.

ANTHEMIS — CHAMOMILE

A. tinctoria. June to October. 2 to 3 feet. Flowers deep lemon-yellow. Excellent for cutting.



Breck's Long Spurred Hybrid Aquilegia

AQUILEGIA — COLUMBINE

One of the most deservedly popular groups of hardy plants, and one in which every variety has an individual grace and beauty which never fails to elicit admiration.

A. Californiae hybrida. This is a strain of almost unparalleled beauty; it is a cross between *A. caerulea* and *A. chrysanthia*, having similar-shaped flowers, but much larger than either of the parent species and very distinct in colour, varying in almost every shade imaginable from creamy white to intense blue and rosy purple.

A. Canadensis. April to June. 1 to $1\frac{1}{2}$ feet. The wild Honeysuckle. Scarlet and yellow flowers.

A. chrysanthia. May to August. 3 feet. Numerous golden yellow flowers, with long, slender spurs; one of the most distinct of this family; fragrant and showy.

A. Erskine Park Hybrids. This strain of *Aquilegia* originated at Erskine Park, Lenox, Mass., the result of hybridizing the finest European and American varieties. Mixed colours.

A. var. Breck's Pink. Pure pink flowers. A new introduction, very free flowering.

A. Long Spurred Hybrids. Choice mixed. 3 feet. This strain is the finest procurable. The colours range through the most beautiful combinations of blue, bright rose, pink, mauve, white, yellow, and orange.

A. vulgaris. April to June. $1\frac{1}{2}$ to 2 feet. Flowers in all shades of blue, white, red, and purple; strong, vigorous habit of growth.

A. var. alba. April to June. Large, pure white flowers. Of great value for cutting, and most showy. 2 to 3 feet.

ARABIS — ROCK CRESS

A. alpina fl. pl. An extra-double form. Low growth, suitable either for the rockery or the border, and covered with fine racemes of pure white double flowers.

ARMERIA — SEA PINK or THRIFT

A. formosa. Deep rose. June. 1 to $1\frac{1}{2}$ feet.

A. maritima. May and June. Grass-like foliage, with fine purple flowers. Valuable for edging and borders. 3 to 6 inches.

ARTEMISIA — WORMWOOD

A. Dracunculus (Tarragon). Fine for flavouring.

ASCLEPIAS — MILKWEED

A. tuberosa (Butterfly-weed). July and August. $2\frac{1}{2}$ feet. Large heads of brilliant orange-coloured flowers of most showy appearance. Price: 35¢ each, \$3.25 for ten, \$30.00 for 100.

ASTILBE — ARENDSSII HYBRIDS

Will thrive in good soil. Should be well watered during growing season. Flowers in large panicles similar to *Spiraea*.

Price: 50¢ each, \$4.00 for ten

A. ceres. Rosy lilac. 4 feet.

A. Gloria. Brilliant dark pink.

A. Gruno. Salmon-pink. 4 feet.

A. Juno. Purple pink. 3 feet.

A. Margarete. Rose pink.

A. Meta Immick. Deep pink. 3 feet.

A. Rose Pearl. Shell pink.

A. Salland. Red.

A. Vesta. Lilac rose. 3 feet.

A. White Pearl. White.

ASPHODELINE — ASPHODEL

A. luteus. June and July. 3 feet. Grassy foliage and strong flower spikes, bearing fragrant yellow flowers.

HARDY ASTERS — MICHAELMAS DAISIES

In this class are some of the most showy as well as really beautiful and interesting flowering plants in cultivation. All are quite hardy, graceful in habit, and bear such profusion of flowers that they are most valuable in the garden, especially as they blossom when the scarcity of hardy flowers is most marked.

Alpinus. Mixed colours. Pale pink to white; low-growing, good for rock-work.

Climax. Blue. 3 feet.

Feltham Blue. Blue. 3 feet.

Lævis. Light blue. 4 feet. September and October.

Nova Angliae. Purple. 4 feet.

Pink Beauty. Pink. 2 feet.

var. roseus. Rosy pink. 4 feet.

Spectabilis. Blue; an improved "Climax."

St. Egwin. Pink. 3 feet.

Subceeruleus. Low, tufted foliage; large pale blue flowers.

Tartarieus. Blue. 6 feet.

White Queen. White. 4 feet. September and October.

BAPTISIA — FALSE INDIGO

B. australis. June and July. 3 feet. Easily grown, adapted to any garden soil, and quite compact and showy. Long racemes of dark blue flowers.

BELLIS — ENGLISH DAISY

B. perennis. April to June. 6 inches. Red, white, and pink; double. Very popular Spring flowers. Handsome and effective plants, suitable for edging. Price: 15¢ each, \$1.40 for ten, \$10.00 for 100.

BOCCONIA — TREE CELANDINE

B. cordata. August. This is one of the most tropical-looking of all our hardy plants. The foliage is broad and glaucous. It grows 6 to 8 feet high, terminating in a great spike of whitish flowers, and grows in grass or any wild spot.

BOLTONIA — FALSE CHAMOMILE

B. asteroides. September and October. 4 to 5 feet. One of the finest of late-flowering perennials; Aster-like flowers in quantity.

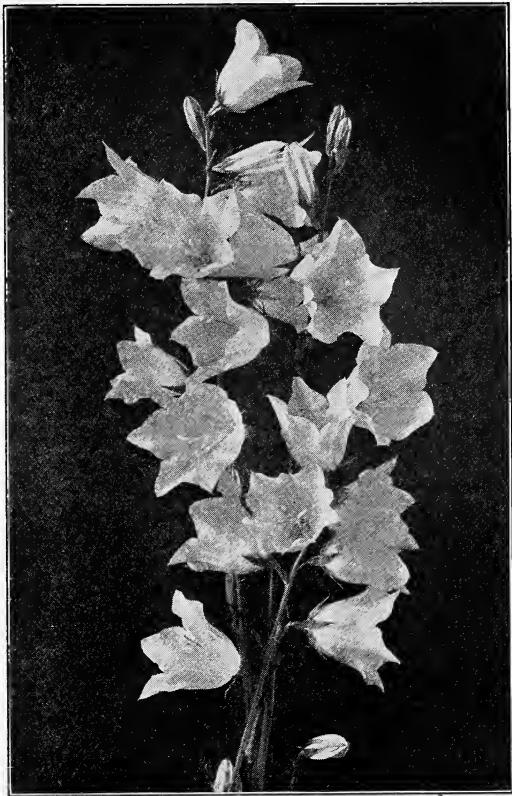
B. latisquama. August and September. 4 feet. Flowers clear lavender-lilac. It is valuable in any situation, growing vigorously in any soil.

CALIMERIS

C. incisa. July and August. 1 to 2 feet, Light blue, Aster-like flowers.

CALLIRRHOË — POPPY-MALLOW

C. involucrata. June to September. 1 foot. A trailing plant of vigorous growth, with large, rich, violet-crimson flowers during the entire latter part of the Summer. The foliage is good and the entire plant is distinct and showy.



Campanula Persicæfolia

CAMPANULA — BELLFLOWER

C. Carpatica (*Harebell*). June to September. 9 inches. This forms neat, compact tufts, covered with large, erect blue flowers; useful as an edging, bedding, or border plant.

C. var. alba. June to September. 9 inches. Similar to above, but with pure white flowers.

C. media (*Canterbury Bell*). Biennial, 2 to 3 feet high; flowers blue, pink, white, rose, and mixed colours; corolla very large and bell-shaped; bright and attractive.

C. var. ealycanthemum (*Cup and Saucer*). Biennial. July. Calyx is coloured like the flower, giving a cup and saucer effect. Pink, blue, and white.

C. lactiflora. July and August. 2 to 4 feet. White.

C. persicæfolia. June and July. 3 feet. Broad, purple, bell-shaped flowers arranged along a tall flower spike. A good border plant.

C. var. Moerheimi. June and July. 1½ to 2 feet. This peach-leaved Campanula is the finest double white bell-flower grown. The flowers are produced freely and resemble a double white rose, so perfectly are they formed. They are from 2½ to 3 inches in diameter.

C. pyramidalis (*Chimney Campanula*). July and August. A noble plant for back of the herbaceous border, forming a pyramid composed of numerous stems 4 to 5 feet in height, each stem being crowded with large, blue, Salvia-like flowers.

C. rotundifolia (*Scotch Bluebell*). June to August. 1 foot. Light blue, trumpet-shaped flowers. A fine rock plant in a damp situation.

CASSIA

C. Marylandica. July to September. 4 feet. Yellow.

CERASTIUM

C. tomentosum (*Snow in Summer*). Silvery foliage with white flowers. Fine for rockery. 6 inches.

CHELONE — TURTLE-HEAD

C. Lyonii. August. 2 feet. A perennial of great beauty, with dark glossy foliage and most profuse in flowering. Terminal spikes of red or purplish-red flowers.

HARDY CHRYSANTHEMUMS

CULTURE: Plant in any good garden soil. Fork manure into soil, preferably in the Autumn. Plants may be set any time after danger from frost is past. Space rows two feet apart, plants 18 inches, or in groups of 3 to 5 plants in the sunny border 1 foot apart. Pinch out head when setting and under no conditions allow plant to grow over six inches in height without pinching out the centre. When plant has developed 3 or 4 leaders of strong growth, again pinch out tips, and then discontinue this practice. Feed plants from the first of July every two weeks with liquid manure, or Thompson's Special Chrysanthemum Manure. Tie plants firmly to 2 foot stakes, and be careful not to cultivate too near the plant, as by doing so, the roots may be injured. During dry weather water thoroughly.

Price: 30c. each, \$2.50 for ten, \$18.00 for 100.

Aberdeen. Rich bronze, Button type.

Alice Howell. Wonderful shade of orange yellow. Early flowering and perfectly hardy.

Autumn Beauty. All shades of Autumn colour are found in the blooms of this variety, and it is remarkably free in growth. The flowers are large and in full bloom by the first of October.

Baby. The smallest yellow variety grown.

Bertha Fairs. Brilliant rose-pink, early blooming.

Cranford White. Pure milk-white, blooming late in September.

Cranfordia. An early-flowering variety; perfect in flowers and stem. Colour is a deep, bronzy yellow.

Eva. Flowers delicate pink; one of the earliest.

Excellence. Large double flowers of deep red.

Excelsior. A gorgeous variety. When first opening almost a scarlet, which afterwards changes to bronze and flame colour.

One of the very largest and most attractive singles.

Fred J. Large flowers of reddish orange, good for cutting.

Glory of Seven Oaks. Dwarf, golden yellow. Free-flowering and very early.

Golden Climax. Orange-yellow. Truly named, as it does not seem possible to improve on this variety.

Golden Mensa. A yellow sport identical with *Mensa* in every way except colour, which is a bright golden yellow.

Ida Catherine Skiff. Brilliant bronzy amber, flowers large and well placed on the stem; valuable for cut-flower work.

Maid of Kent. Button type, white.

Mensa. Purest white. A splendid variety.

Miss Emma. Rich, golden bronze; tall robust plant.

Mrs. Albert Phillips. Deep lavender. When first opening the contrasting colour is a lovely cream.

Mrs. Henry F. Vincent. An exquisite shade of fawn and bronze with salmon-pink shadings. Very strong in growth; the foliage is perfect in every way.

Mrs. Nellie Kleris. Colour beautiful pink evenly diffused over the flower. The blooms are as large as *Lillian Doty*, but better divided on the stems.

Mrs. Porter. Bright bronze; large flowers good for cutting.

Mrs. W. E. Buckingham. Midseason pink, has proved itself one of the best varieties for cutting.

Nippon. Colour flesh white, with light yellow centre. We strongly recommend it for either pot plants or outdoors.

Portia. Deep salmon bronze, shading in centre to a bright flame; splendid habit.

Red Doty. Wine red with a silvery reverse on underside of petals and showing up distinctly in the short crisp centre petals.

Ruth Cumming. Colour reddish bronze. True Autumn shades. Compact grower.

St. Elmo. Pure white, large double flowers.

Sir Michael. Large double lemon-yellow flowers in profusion.

Smith's Advance. One of the earliest of the large-flowering white varieties, blooms profusely in great masses.

Tints of Gold. The earliest bronze variety to flower, and makes a wonderful glowing bush if not disbudded.

Yellow Advance. Bright golden yellow. Flowers very large and full.

Zenobia. Pure yellow. Very early flowering.

For collections of Chrysanthemums, see page 110.

Your Autumn Garden

DURING MAY AND JUNE WE WILL SEND YOU
12 plants for \$2.00 25 for \$4.00 100 for \$15.00

These collections will be composed of the varieties listed above (our selection) and will include both single and double types as pictured on page 110. Each variety will be carefully labeled. Carriage extra.

Breck's Hardy Chrysanthemum Collections



1 SMITH'S ADVANCE
2 NIPPON

3 MRS. ALBERT PHILLIPS
4 EXCELSIOR

7 CRANFORDIA

5 CRANFORD WHITE
6 MRS. NELLIE KLERIS

8 GOLDEN CLIMAX

SPECIAL OFFER

One each of the above eight varieties for \$1.50; two each for \$2.75
three each for \$4.00; carriage extra

CLEMATIS

C. recta. Flowers white, sweet-scented and in immense masses. 3 feet. Rare and excellent.

CONVALLARIA — LILY OF THE VALLEY

C. majalis. Spring. 9 inches. This is familiar to every one. It makes stronger spikes when given good cultivation open to the sun. Price: 50¢ each, \$4.50 for ten.

COREOPSIS — TICK SEED

C. lanceolata. June to September. 3 feet. This is doubtless one of the most showy hardy plants, and has the additional advantage of being very continuous in blooming. The flowers are a rich yellow.



Delphinium Elatum — Bee Larkspur

DELPHINIUM — LARKSPUR

These are deservedly among the most popular subjects in the hardy border; bold, attractive and highly prepossessing plants of easiest culture, perfectly hardy. They will establish themselves in almost any good garden soil.

D. Belladonna. The freest and most continuous blooming of all. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.

D. Bellamosa. A dark-blue variety of the above.

D. Chinense. A very pretty variety, with fine feathery foliage and intense gentian-blue flowers in open panicles.

D. Chin. var. album. A pure white form of the above.

D. coeruleum fl. pl. A double dark-blue variety.

D. elatum (Bee Larkspur). June to September. 5 to 6 feet. Dark blue flowers in long spikes.

D. Erskine Park Hybrids. A variety producing enormous spikes of the lighter shades of blue.

D. formosum. The old favourite dark blue with white centre. 3 to 4 feet high. Very vigorous, free-flowering.

Gold Medal Hybrids. The plants are of strong, vigorous habit, with large flowers in spikes two feet and over long.

King of Delphiniums. One of the finest yet introduced; the plant is of remarkably strong growth, with flowers of gigantic size, semi-double and of a deep blue colour, with large white eye. Price: 90¢ each, \$8.00 for ten.

DIANTHUS — PINK

D. barbatus (Sweet William). June and July. 20 inches. A fine old biennial, but one which perpetuates itself by self-sowing. The colours are very brilliant and effective. Double and single varieties mixed. Also in colours: Crimson, white, and Newport pink.

D. plumarius (Scotch Pink). June. 9 inches. Thick tufts of glaucous green foliage, and handsome, fragrant flowers.

D. semperflorens. Dark pink fragrant flowers of good size, with red centre. Foliage silvery and fine. 15 inches.

Hardy Hybrid Garden Pinks

Her Majesty. White. Very large and double, fragrant.

Homer. Rosy-red, double, and fragrant. May and June. 1 ft.

Juliette. White and crimson. May to August. 1 foot. Very double and sweet.

DICTAMNUS — GAS PLANT

Price: 50¢ each, \$4.50 for ten

D. fraxinella. May and June. 2 to 3 feet. A very showy border perennial forming a bush, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant volatile oil, which explodes when a match is applied to it.

D. frax. var. alba. May and June. White variety of above.

DICENTRA — DIELYTRA

D. eximia. All Summer. 18 inches. A charming perennial, with fern-like foliage and short racemes of drooping, purplish red flowers.

D. spectabilis (Bleeding Heart). April to July. Flowers heart-shaped in long racemes, rosy crimson. Fine for borders. 2 feet. Price: 60¢ each, \$5.00 for ten.

DIGITALIS — FOXGLOVE

D. gloxiniaeflora. June and July. 3 feet. An excellent variety ranging in colour from white to deep pink.

D. var. alba. June and July. 2 ft. Pure white.

D. grandiflora. June and July. 2 to 3 feet. A yellow-flowered Foxglove, quite hardy and easily grown.

D. maculata superba. Beautifully spotted. June and July. 3 feet.

D. monstruosa (Mammoth Foxglove). Long spikes, enormous flowers, mixed colours.

D. purpurea. June and July. 2 to 3 feet. Elegant spikes of beautiful tubular flowers of various shades of purple to white, and with variously coloured, spotted throats.

D. rosea. Pink. July. 3 feet.

ECHINACEA — CONE FLOWER

E. purpurea. A showy, strong-growing plant 2 to 4 feet high with flowers of great duration in August and September. Large, reddish purple flowers.

ERYNGIUM — SEA HOLLY

E. amethystinum. July and August. 3 feet. Has handsome, spiny, laciniated foliage and heads of flowers of a lovely amethystine blue.

EULALIA — ORNAMENTAL GRASS

E. Japonica. Green foliage. 4 feet.

EUPATORIUM — THOROUGHWORT

E. ageratoides (White Snake-root). White flowers. 3 to 4 feet. August and September.

E. coelestinum (Mist Flower). Light blue flowers similar to Ageratum. August to October. 2 feet.

E. purpureum (Joe Pye Weed). Purple flowers. Fine for wild gardens. 5 feet. July to September.

FESTUCA — FESCUE GRASS

F. glauca. Handsome, light, glaucous blue foliage. Fine for edging.

FUNKIA — PLANTAIN LILY

Hardy plants with Lily-like flowers, forming dense clumps of foliage. They thrive in almost any rich soil with ample moisture, either in sun or shade. All of the species are natives of Japan.

F. subcordata grandiflora. July to September. 2 feet. A fine pure white, large, trumpet-flowered and exceedingly fragrant species, with handsome, broad, light green foliage.

F. lanceifolia. August. 2 feet. Deep green, lanceolate foliage and spikes of lilac flowers.

F. var. undulata variegata. A form with undulate foliage, handsomely variegated with white. A fine foliage and edging plant.

F. ovata. June. 2 feet. Elegant, broad, glossy, deep green foliage, vigorous growth, large spikes of lilac, trumpet-shaped flowers.

GAILLARDIA — BLANKET-FLOWER

This plant deserves a more prominent position than has hitherto been accorded it. It is one of the most brilliant of all perennials and a constant bloomer from June until frost. It is hardy and thrives in any location.

G. grandiflora. Flowers large, crimson and gold. 2 feet. Blooming all season.

GERANIUM — CRANE'S BILL

G. sanguineum. Handsome, large, clear crimson flowers in profusion all Summer. 2 feet.

GEUM

G. coccineum var. Mrs. Bradshaw. Splendid new variety. Double dark red flowers. Blooms all Summer. 2 feet.

GYPSOPHILA — BABY'S BREATH

G. paniculata. When in bloom during August and September it forms a symmetrical mass 2 to 3 feet in height, and as much through, of minute pure white flowers, forming a beautiful gauze-like appearance. When cut it is exquisite in combination with other flowers.



Helenium

HELENIUM — SNEEZEWORT

H. autumnale superbum. Golden-yellow flowers during the late Summer and Autumn months. 5 to 6 feet.

H. rubrum. New bright terra-cotta red variety.

H. Riverton Beauty. Rich lemon-yellow, black centre. August and September. 4 feet.

HELIANTHEMUM — SUN ROSE

H. mutabile. Pale pink fading to lilac and rose. Trailing habit.

HELIANTHUS — SUNFLOWER

H. decapetalus. September to frost. 5 feet. Fine, free-flowering form, with clear yellow flowers in immense panicles.

H. multiflorus fl. pl. Deep yellow, large, double, dahlia-like flowers on wiry stems. 4 feet.

H. mollis. Thick velvety foliage with silvery tinge. Lemon-yellow flowers. August and September. 4 to 5 feet.

HELIOPSIS — OX EYE

H. laevis. Orange yellow. June to October. 4 feet.

H. pitcheriana. July to September. 3 feet. A choice, dwarf variety, of great value for cutting all through the Summer. Showy, deep orange-yellow flowers.

HEMEROCALLIS — DAY LILY

Popular hardy tuberous plants, belonging to the Lily family. They succeed everywhere, and should always be included in the border of old-fashioned hardy plants.

H. flava (*Yellow Day Lily*). The best known variety, very fragrant, deep lemon-yellow flowers in June and July. 2½ to 3 feet.

H. Kwanso fl. pl. Double orange. July and August. 3 feet.

H. Thunbergii. The latest to flower, rich buttercup-yellow, funnel-shaped flowers throughout July. 4 feet.

HESPERIS — SWEET ROCKET

H. matronalis. Pink. June to August. 2 to 3 feet.

HEUCHERA — ALUM ROOT

H. sanguinea. June to September. 18 inches. Very free-flowering; bright crimson flowers, good for cutting, and a charming border or rock plant.

HIBISCUS — MALLOW

H. Mallow Marvels. A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson, pink and white; mixed colours.

H. Moscheutos (*Swamp Rose Mallow*). Flowers 6 inches in diameter; of a light rosy-red colour, with darker eye.

H. Moscheutos var. "Crimson Eye." Flowers of immense size, of the purest white, with a large spot of deep velvety crimson in the centre.

IBERIS — CANDYTUFT

I. sempervirens (*Evergreen Candytuft*). May and June. Of spreading habit; flowers pure white, completely covering the plant with bloom; one of the finest border plants. 1 foot.



German Iris

GERMAN IRIS

German Iris is among the most desirable and most easily grown of our Spring-flowering hardy plants, producing in May showy flowers of exquisite colouring, combining the richest and most delicate tints. For best results plant in a well-drained, sunny position, barely covering the roots. In the following descriptions, S signifies the standards, or erect petals, F the falls, or drooping petals.

Alcazar. S, light-bluish violet. F, deep purple with bronze veined throat. Each \$1.00.

Atropurpurea. S and F, rich claret purple. Each 25¢; \$2.20 for ten.

Archevêque. S, deep purple-violet. F, rich deep velvety violet. Fragrant. Each \$1.00.

Aurea. S and F, clear rich yellow. Each 20¢; \$1.80 for ten.

Black Prince. S, purplish-blue. F, black-purple. Each 20¢; \$1.80 for ten.

Brechta. S, bronzy-yellow. F, blue-violet, bordered bronze. Each 30¢; \$2.50 for ten.

Bronze Beauty. S, clouded yellow. F, ruby-lavender, crest golden. Each 50¢; \$4.00 for ten.

Caprice. S, rosy red. F, deeper rosy red, very handsome. Each \$1.00; \$9.00 for ten.

Celeste. S and F, pure azure-blue, tall. Each 25¢; \$2.20 for ten.

Chester Hunt. S, celestial blue. F, dark marine blue, bordered pale blue. Each 75¢; \$6.50 for ten.

Conspicua. S, yellow. F, purple. Each 15¢; \$1.40 for ten.

Cypriana Superba. S, soft blue. F, violet-purple. Each 50¢; \$4.00 for ten.

Eldorado. S, yellowish bronze, shaded with heliotrope. F, purple, shaded bronze. Each \$1.00.

Fairy. S and F, white, delicately bordered and suffused with soft blue. Each 25¢; \$2.20 for ten.

Flavescens. S and F, light, primrose-yellow. Each 15¢; \$1.40 for ten.

Florentina. S and F, pale-blue. Each 15¢; \$1.40 for ten.

Florentina alba. S and F, light blue changing to white. Each 15¢; \$1.40 for ten.

Foster's Yellow. S and F, creamy yellow. Each 30¢; \$2.50 for ten.

Gagus. S, light yellow. F, crimson, verticillated white and yellow, with clear yellow edge. Each 30¢; \$2.50 for ten.

Gerrick. S, pale blue. F, deep violet-blue. Each 25¢; \$2.20 for ten.

Gerda (*Intermediate*). S, creamy yellow. F, darker yellow, veined. Each 50¢; \$4.00 for ten.

Gracechus. S, yellow. F, velvet-purple. Each 15¢; \$1.40 for ten.

Halfdan (*Intermediate*). S and F. Creamy white; large flowers. Each 35¢; \$3.00 for ten.

Helge (Intermediate). S and F. Lemon-yellow, pearly shading. Each 35¢; \$3.00 for ten.

Her Majesty. S, rose-pink. F, crimson. Each 35¢; \$3.00 for ten.

Honorabilis. S, Indian yellow. F, chestnut-red. Each 15¢; \$1.40 for ten.

Kharput. S, violet-blue. F, dark blue. Each 25¢; \$2.20 for ten.

King of Iris. S, yellow. F, dark brown, bordered yellow. Each 50¢; \$4.00 for ten.

Lohengrin. S and F, deep violet mauve. Each 50¢; \$4.00 for ten.

Lorelei. S, light yellow. F, blue, bordered yellow. Each 35¢; \$3.00 for ten.

Marmora. S, sulphur and fawn. F, crimson purple margined lavender. Each 35¢; \$3.00 for ten.

Massasoit. S and F, a distinct shade of Venetian blue. Each 75¢; \$6.50 for ten.

Mme. Chereau. White, margined with blue. Each 15¢; \$1.40 for ten.

Mrs. Gladstone. S, white. F, tipped dark-purple and white striped. Each 25¢; \$2.20 for ten.

Mrs. H. Darwin. S, snow-white. F, white veined purple. Each 15¢; \$1.40 for ten.

Mrs. Neubonner. Deep golden yellow. Each 25¢.

Mithras. S, light yellow. F, wine-red, bordered yellow. Each 50¢; \$4.00 for ten.

Monseigneur. S, violet. F, purple-crimson. Each 75¢.

Nibelungen. S, fawn yellow. F, violet-purple. Each 50¢.

Pallida Dalmatica. S, clear lavender-blue. F, deep lavender. Each 25¢; \$2.20 for ten.

Pallida Khedive. Soft lavender with distinct orange beard. Each 50¢; \$4.00 for ten.

Pallida speciosa. S, violet-blue. F, purple. Each 15¢; \$1.40 for ten.

Pauline. S, lavender. F, darker. Each 20¢; \$1.80 for ten.

Perfection. S, light blue. F, violet-black. Each 35¢.

Princess Victoria Louise. S, light-sulphur yellow. F, rich violet-red, edged creamy white. Each 25¢; \$2.20 for ten.

Purple King. S, rich claret-purple. F, deep purple. Each 20¢; \$1.80 for ten.

Queen of May. S and F, bright rosy-lavender. Each 15¢; \$1.40 for ten.

Rhein Nixe. S, pure white. F, violet-blue edged white. Each 50¢.

Shakespeare. S, bronzy-yellow. F, maroon, reticulated yellow. Each 15¢; \$1.40 for ten.

Sherwin Wright. Rich golden yellow. Each 50¢.

Van Geertie. S, lavender. F, purple-black. Each 15¢; \$1.40 for ten.

Violacea grandiflora. S, blue. F, violet-blue. Each 25¢; \$2.20 for ten.

Walhalla. S, lavender. F, wine red. Each 50¢; \$4.00 for ten.

Walneriana. S, light-blue. F, pale-violet. Each 25¢; \$2.20 for ten.

Mixed. All colours. Each 15¢; \$1.40 for ten.

JAPANESE IRIS

A very important group of hardy Iris, quite distinct from any other. They are of strong, vigorous growth, with large single, double, or semi-double flowers, beautifully coloured. Well adapted for damp or sunny locations, in loam or sandy soil. Our stock of Japanese Iris is this season arranged under the following colour classification:

Price in Colours: 35¢ each, \$3.00 for ten; \$20.00 for 100;
in Mixed Colours: \$2.50 for ten; \$18.00 for 100.

Purple. Chiefly clear, deep purple shades, some with a touch of gold at base of petals.

Purple and White. Varying from deep purple edged and veined with white, to white blotched or streaked with purple. **Lavender.** Pale lavender, veined with purple, deeper purple in centre.

Blue-lavender. Approaching as nearly blue as is found in Japanese Iris. White and gold at centre; some striped white.

MISCELLANEOUS IRIS

Price: 30¢ each, \$2.50 for ten
Pumila or Dwarf Hybrids

Aurea. Light yellow.

Azurea. Bright blue; very free.

Canary Bird. Rich canary-yellow.

Cœrulea. Pale blue, tinged purple.

Orange Queen. Very bright orange, flushed purple.

Natural or Wild Types

pseudacorus. May and June. 4 feet. The common yellow Water-Flag, suitable for marshes and water courses.

Siberica. June. 3 feet. Long narrow leaves, pale blue flowers. Fine for water garden.

var. alba. A fine, pure white form.

var. orientalis. May to June. 3 to 4 feet. Deep blue flowers.

var. orientalis **Snow Queen.** Flowers pure white.

LAVANDULA — LAVENDER

L. vera. This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August.

LIATRIS — BLAZING STAR, or GAY FEATHER

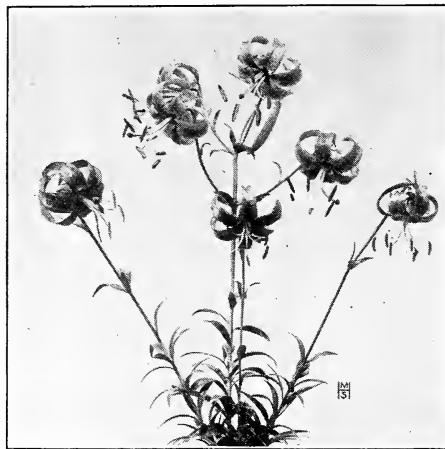
L. pyrenostachya. Spikes of light, rosy-purple flowers. 5 feet.

Flower Gardens

The well-planned flower garden or border can be made a source of enjoyment from early Spring until late Autumn, as the succession of bloom affords some new beauty from day to day. Complete plans and estimates are supplied by our Service Department at reasonable cost.



Iris Kaempferi—Japanese Iris



LILIUM — LILY

For Garden and Pot Culture

The Lilies are among the most beautiful and ornamental of cultivated bulbous plants, their stately habit and variously-coloured flowers (which are in many cases highly perfumed) rendering them indispensable subjects for greenhouse decoration, and for outside flower-garden embellishment. Nearly all are hardy. The commoner and more plentiful species may be effectively employed for grouping or naturalizing. Many of them are excellent border plants when in flower, being extremely attractive in mixed arrangements, if properly placed in respect of height. Many of the strong-growing Lilies are well adapted for planting among shrubs, where the latter are not too thickly placed. By growing a selection of species in pots, to flower at different times, a valuable addition to greenhouse decorative subjects is secured over a long period, in Summer and Autumn. Lilies should always be planted not less than three in a clump thus . . .

L. auratum (*Golden Banded Lily of Japan*). Ivory white ground, thickly strewn with purple studs; the centre of each petal has a band of light golden yellow extending from tip to base. Price: 40¢ each, \$3.50 for ten, \$30.00 for 100.

L. Batemaniae. Clear orange apricot, without spots, 6 to 8 flowers borne on a stem 4 feet high. Price: 40¢ each, \$3.50 for ten, \$30.00 for 100.

L. Brownii. Trumpet-shaped flowers, 10 inches in length, interior pure white with chocolate-coloured anthers, exterior brownish-purple. Price: 75¢ each, \$6.50 for ten, \$55.00 for 100.

L. Canadense (*Canadian Bell-flowered Lily*). Colour varies from reddish orange to yellow, thickly marked with black spots; 3 to 4 feet. Price: 25¢ each, \$2.20 for ten, \$18.00 for 100.

L. candidum (*Madonna Lily*). Pure white, good for both pot and garden cultivation; height, 4 ft. Price: 25¢ each, \$2.20 for ten, \$18.00 for 100.

L. Henryi (*The Yellow Speciosum*). A new and very beautiful hardy lily from Northern China. The plants are of vigorous growth, frequently attaining a height of 6 feet, each stem carrying from 5 to 8 flowers of a rich apricot yellow; spotted with brown. Price: 75¢ each, \$6.50 for ten, \$55.00 for 100.

L. myriophyllum (*Regal Lily*). A good forcer, absolutely hardy. Flowers white, slightly shaded with pink, canary-yellow centre. Price: \$1.00 each, \$9.00 for ten, \$75.00 for 100.

L. speciosum album. Large, white flowers of great substance, with a greenish band through the centre of each petal; height, 3 feet. Price: 30¢ each, \$2.50 for ten, \$20.00 for 100.

L. speciosum rubrum or roseum. White, heavily spotted with rich crimson; height, 3 feet. Price: 30¢ each, \$2.50 for ten, \$20.00 for 100.

L. speciosum rubrum *Melpomene*. The darkest of the Speciosum group, white, heavily spotted with dark crimson; height, 3 feet. Price: 30¢ each, \$2.50 for ten, \$20.00 for 100.

L. superbum. Yellowish red; height, 4 feet. Price: 25¢ each, \$2.20 for ten, \$18.00 for 100.

L. tigrinum splendens (*Tiger Lily*). Fiery scarlet flowers, spotted crimson; the best of the tiger lilies; height, 6 feet. Price: 25¢ each, \$2.20 for ten, \$18.00 for 100.

L. tigrinum fl. pl. Double flowered, orange, spotted black; height, 3 feet. Price: 25¢ each, \$2.20 for ten, \$18.00 for 100.

LINUM — FLAX

L. perenne. May to August. 18 inches. Handsome, light blue flowers.

LOBELIA — CARDINAL FLOWER

L. cardinalis. August and September. 3 feet. One of the finest scarlet hardy plants we have, and of easy cultivation, even in clay soils.

L. syphilitica. September. 2½ feet. Close spikes of showy, deep blue flowers.

LUPINUS — LUPIN

L. polyphyllus. June and July. 2 to 5 feet. Deep blue, pea-shaped flowers in long spikes.

L. var. albus. July and August. 4 feet. The white variety, fine, bold, showy.

L. var. rosea. Strong spikes of soft rose-pink flowers. 3 feet.

LYCHNIS — CAMPION

L. Chaledonica. A most desirable plant, heads of brilliant orange-scarlet, grows 2 to 3 feet high and blooms all Summer.

L. Haageana. Brilliant orange-scarlet flowers in May and June. 12 inches.

L. vespertina fl. pl. Large, double white flowers, produced in the greatest profusion the entire Summer; 18 inches.

L. viscaria splendens fl. pl. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double deep red, fragrant flowers.

LYSIMACHIA

L. nummularia (*Money-wort*). June to September. 2 inches. Deep yellow flowers. Excellent to cover bare spots in partial shade. Price: 25¢ each, \$2.20 for ten, \$18.00 for 100.

LYTHRUM

L. roseum superbum (*Rose Loose-strife*). A strong-growing plant, 3 to 4 feet high, thriving in almost any position, producing large spikes of rose-coloured flowers from July to September.

MALVA — MALLOW

M. moschata. June to September. 2 feet. Fragrant flowers in clusters of a rosy tint, and very showy.

MENTHA — MINT

M. piperita (*Peppermint*).

M. viridis (*Spearmint*).

MONARDA — BEE BALM

M. didyma. June to September. 3 feet. Large, brilliant scarlet flowers in profusion.

MYOSOTIS — FORGET-ME-NOT

M. palustris (*The True Forget-me-not*). Delicate blue flowers with yellow centres, appearing all Summer.

CENTHERA — EVENING PRIMROSE

C. speciosa. May to September. 2 feet. A splendid border plant, with large, pure white flowers.

C. Youngii. June to August. 2 feet. A useful border plant, exceedingly free, with golden yellow flowers.

PACHYSANDRA — JAPANESE SPURGE

P. terminalis. An attractive evergreen trailing plant, thriving in almost any location. A most desirable cover plant for shaded spots.

PAPAVER — POPPY

There is no class of hardy plants which has risen so much in public favour as the perennial Poppies, all of which are most striking and useful. They flower from the beginning of June to October.

P. nudicaule (*Iceland Poppy*). All Summer. Flowers of a bright-cheerful yellow. 1 foot.

P. orientale. June. 3 feet. The large Oriental Poppy. A bold and showy perennial, producing numerous slender stems 2½ feet high, with large, crimson-scarlet flowers.

P. or. var. Goliat. Oriental-red.

P. or. var. Mrs. Perry. Salmon-pink.

P. or. var. Oriflamme. Orange-scarlet.

P. or. var. Perry's White. Pure white.

PEONIES

Peonies should be planted in good, rich, deep soil, after which they require less attention than any other class of flowering plants. They are perfectly hardy and their remarkable freedom from disease and insects makes them most desirable. Some of the varieties are of enormous size, perfectly double and deliciously fragrant. In colour the Peony rivals the Rose in beauty, ranging from pure white to darkest red, and the shades of pink are truly magnificent.

Alba Sulphurea, cream-white, flecked red, midseason. Price: 50¢ each, \$4.00 for ten.

Albert Crousse, pale salmon-pink, late. Price: \$1.50 each, \$14.00 for ten.

American Beauty, double red. Price: \$1.50 each.



Paeony Felix Crousse

Baroness Schroeder, flesh-white, midseason. Price: \$1.50 each, \$14.00 for ten.
Boadicea, white with carmine centre. Price: \$1.00 each.
Boule de Neige, milk-white, flecked crimson, midseason. Price: \$1.00 each, \$9.00 for ten.
Candidissima, pure white, sulphur centre. Price: 75¢ each.
Charlemagne, flesh-white, tinted lilac, late. Price: 75¢ each, \$6.50 for ten.
Daubenton, deep shell-pink, early. Price: \$1.50 each.
Delachel, violet crimson, tipped silver. Price: 50¢ each.
Dorchester, light shell-pink, very late. Price: 75¢ each, \$6.50 for ten.
Duchesse de Nemours, sulphur-white; cup shaped, midseason. Price: 75¢ each.
Duke of Devonshire, deep pink, large and full, late. Price: \$3.50 each.
Edulis superba, mauve pink, early. Price: 75¢ each.
Faust, shell pink, midseason. Price: 50¢ each.
Felix Crousse, brilliant ruby-red, late. Price: \$1.00 each.
Festiva Maxima, pure white, flecked crimson, early. Price: 50¢ each, \$4.00 for ten.
François Ortegat, purplish crimson, yellow anthers. Price: 75¢ each, \$6.50 for ten.
Humei, cherry-pink, silver tips. Price: 50¢ each, \$4.00 for ten.
La Tulipe, rose white, tipped carmine. Price: 75¢ each, \$6.50 for ten.
L'Elegante, clear rose pink, midseason. Price: 50¢ each, \$4.00 for ten.
L'Esperance, white splashed with pink. Price: \$1.50 each.
Madame Crousse, pure white, flecked crimson, midseason. Price: 75¢ each, \$6.50 for ten.
Mme. Charles Leveque, rose white, centre deeper shade. Price: \$1.50 each.
Marquis d'Ivory, white, shaded with pink. Price: 50¢ each, \$4.00 for ten.
Milton Hill, pale lilac rose, late. Price: \$3.00 each, \$27.00 for ten.
Mme. Mechin, purple garnet. Price: \$1.00 each, \$9.00 for ten.
Officinalis Rubra, the old fashioned deep red, very early. Price: \$1.00 each.
Prolifera Tricolor, flesh-white and sulphur yellow, late. Price: 75¢ each.
Queen Perfection, pink, midseason. 50¢ each, \$4.00 for ten.
Queen of Queens, pure white, extra large, late. Price: 75¢ each, \$6.50 for ten.
Rosea piennissima, deep pink. Price: 50¢ each.

Mixed Colours, double varieties. Price: \$3.00 for ten, \$25.00 for 100.
Single Mixed, includes many fine sorts. Price: 50¢ each, \$4.00 for ten, \$30.00 for 100.
Special Assortment of choice named varieties, our selection, packed in lots of one dozen, postage prepaid. Price: \$4.00.

PENTSTEMON — BEARD TONGUE

P. barbatus Torreyi. July. 4 feet. Stately, brilliant, with long, loose panicles of bright scarlet flowers.

PHYSALIS — LANTERN PLANT

P. Franchetti. October. 2 feet. Large red pods.

PHYSOSTEGIA — FALSE DRAGON-HEAD

P. Virginica. One of the most beautiful of our mid-Summer flowering perennials, forming dense bushes 3 to 4 feet high, bearing spikes of delicate pink tubular flowers not unlike a gigantic heather.

P. Virginica alba. Pure white variety of the preceding.

PLATYCODON

P. grandiflora. July to October. 1 to 3 feet. Large, showy, deep blue flowers.

P. var. alba. Similar to the above, but with pure white flowers.

P. var. Mariessii. A dwarf form of the above, with broad foliage and larger deep violet-blue blossoms. 1 foot.

POLEMONIUM

P. cœruleum (Jacob's Ladder). May to July. Light blue. 18 in.

P. repens. April to June. Bright blue. 6 inches.

POLYGONATUM — SOLOMON'S SEAL

P. commutatum. Paniced racemes of drooping flowers on very long stems. 2 to 3 feet.

PRIMULA — PRIMROSE

P. officinalis hybrida (Cowslip). April and May. 6 to 12 inches. These vary in colour ranging from crimson to deep yellow and pure white. They are more at home in a frame.

P. veris superba. A giant-flowered form, producing individual flowers from 1 to 2 inches across; in colour they are a bright canary-yellow with a golden centre; perfectly hardy, and when in flower present a sheet of bloom.

P. vulgaris (English Primrose). An old favourite, and should be found in every garden; one of the earliest Spring flowers; of bright canary-yellow; very fragrant.

P. japonica. Large purple-crimson flowers on long stems. June.

PYRETHRUM — FEVERFEW

P. roseum. They include all colours from deep red, various shades of pink to pure white.

HARDY PHLOX

Albion. White faint pink eye.

Annie Cook. Flesh-pink, fragrant.

B. Compte. Rich, French-purple, late.

Baron von Dedem. Scarlet, red centre.



Phlox Selma

Hardy Phlox—continued

Beacon. Brilliant cherry-red. *Each* 35¢, \$3.00 *for ten.*
Bridesmaid. White, crimson centre.
Cameron. Soft pink, suffused with white.
Coquelicot. Scarlet, crimson eye.
Eclaireur. Rosy magenta.
Elizabeth Campbell. Light salmon, pink centre. *Each* 35¢, \$3.00 *for ten.*
Flora Hornung. Pale pink, centre suffused carmine.
F. A. Buchner. Large, pure white.
Gen. von Heutz. Salmon, purple centre.
Gladstone. Large, rose colour, red eye.
Glenwood. Clear bright red.
Gruppenkonigen. Flesh-rose, carmine eye.
Henry Murger. Red, salmon centre, late.
Jeanne d'Arc. Pure white, tall.
Joseph Barr. Deep, purplish carmine.
L'Esperance. Lavender pink, white centre.
Lothair. Bright crimson.
Louise Abbema. Dwarf, pure white.
Mme. Meuret. Flame, carmine centre.
Mme. Benzanson. Crimson.
Mme. Paul Dutrie. Soft pink.
Mme. P. Langier. Bright red.
Marquise de St. Paul. Tall, pure white.
Miss Lingard. Early, white, tall.
Mrs. Oliver. Bright pink.
Nana Cœrulea. Lavender blue.
Pantheon. Bright carmine-rose.
R. P. Struthers. Purplish salmon.
Rosenberg. Reddish-violet.
Rynstrom. Carmine-rose.
Selma. Pink, cherry-red centre.
Sir Edward Landseer. Bright crimson.
Stella's Choice. Pure white, tall.
Superbians. Pink, crimson eye.
Thor. Salmon pink, red eye.
Von Lassburg. Pure white.
W. C. Egan. Delicate lilac. *Each* 35¢, \$3.00 *for ten.*
Mixed. All colours.

Other Varieties of Phlox

Price: 25¢ each, \$2.20 for ten, \$18.00 for 100
P. amena. Dwarf, deep pink.
P. Caroliniana ovata. Purplish-red.
P. subulata. Moss pink.
P. var. alba. White.

RUDBECKIA — CONE-FLOWER

R. laciniata var. "Golden Glow." It is a strong, robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden-yellow Cactus Dahlia-like flowers from July to September.
R. Newmanii. Dark orange-yellow flowers, with deep purple cone, borne on stiff, wiry stems; 3 feet high. Flowers from July to October.

R. purpurea (*Echinacea*, Purple Cone-flower). August and September. 3 feet. Reddish-purple flowers.

SALVIA — MEADOW SAGE

S. argentea. Grown for its large, ornamental, silvery-white foliage, flowers white, June. 2 feet.
S. aurea. A Rocky Mountain species, grows 2 to 3 feet high, producing during August and September pretty sky-blue flowers in the greatest profusion.
S. pratensis. Showy spikes, 2 to 3 feet high, of deep blue flowers, from June to September.

SANTOLINA

S. incana. Dwarf evergreen perennial, foliage silvery white, flowers yellow; fine for rockery. July and August. 1½ to 2 ft.

SCABIOSA

S. Caucasicæ. July to September. 18 inches. Flowers soft, lilac-blue shade. It is a vigorous grower, thoroughly hardy, and very free blooming.

SEDUM — STONE-CROP

Dwarf Varieties
S. acre (*Golden Moss*). Much used for covering graves; foliage green, flowers bright yellow.

S. album. Green foliage, white flowers.

Erect, or Tall-Growing Varieties

S. spectabile. One of the prettiest erect-growing species, attaining a height of 18 inches, with broad light green foliage and immense heads of handsome showy rosy-crimson flowers.

S. spec. var. Brilliant. A rich coloured form of the preceding, being a bright amaranth-red.

SHASTA DAISIES

Alaska. Large pure white. All Summer.
King Edward. White, 3 ft. All Summer.

SI 'ALCEA

S. var. Rosy Gem. Showy pink flowers on wiry stems in June and July. 2 to 3 feet.

SPIRÆA — GOAT'S BEARD

See also, Astilbe

S. aruncus var. Kneiffii. White. 3 to 4 feet. June. Undoubtedly the finest and most graceful of its class. Flowers in large clusters and foliage finely cut.

S. Chinensis. Pink. July and August. 1½ feet.

S. Gladstone. White. 2 to 2½ feet. June.

S. Japonica. White. 2 feet. June and July. An old and valuable variety for garden or forcing.

S. Kamtschatkata. Cream-white. July. 5 feet.

STACHYS — WOUNDSWORT

S. lanata. Woolly white foliage, purple spikes. 18 inches.

STATICE — SEA LAVENDER

S. latifolia. Minute bright blue flowers produced in broad heads 18 to 20 inches across, adapted to cutting, as they keep long after being dried, and are very showy. 1 to 2 feet. July to September.

STOKESIA — CORNFLOWER ASTER

S. cyanea. Grows from 18 to 24 inches high, bearing freely from early in June until October its handsome lavender-blue Cornflower-like blossoms.

S. cyanea alba. Pure white variety of above.

THYMUS — THYME

T. vulgaris. June and July. 6 inches. An old garden plant, being grown as a sweet herb; flowers small, lilac, or purplish, in terminal, interrupted spikes; foliage very fragrant.

TRADESCENTIA — SPIDER WORT

T. Virginiana. Gives a succession of blue flowers all Summer.

TRILLIUM — WOOD LILY

T. grandiflorum. May. 9 inches. Large, white flowers which are very handsome. Can be domesticated in any garden, and is worthy of culture everywhere. *Price: 25¢ each, \$2.20 for ten, \$18.00 for 100.*

TRITOMA — RED-HOT POKER PLANT

T. Fitzpieri. Aug. to Oct. 4 feet. Produces extra-fine spikes of orange-scarlet flowers, with long, protruding anthers.

TROLLIUS — GLOBE FLOWER

T. Europæus. A valuable border perennial, with large, globular, lemon-coloured, buttercuplike flowers on long stems. 18 in.

T. Eur. var. Orange Globe. A strong, sturdy grower, with large, globular flowers, of a rich deep, glowing orange. Free-blooming. 2 feet.

TUNICA

T. saxifraga. June to August. 6 inches. A good rock plant, with quantities of small, rosy white flowers and delicate foliage.

VERONICA — SPEEDWELL

V. amethystina. June. 12 inches. Flowers amethyst-blue, on short spikes.

V. longifolia subsessilis. August and September. 2 feet. Flowers in dense, erect spikes, a foot in length and from 4 to 5 inches in circumference, of a deep, rich blue. Perfectly hardy.

V. rupestris. May and June. 4 inches. Creeping habit, and one of the best for carpeting rockeries or bare places. Flowers showy blue in dense spikes.

V. spicata. June to August. 2 to 3 feet. Long spikes of small, blue flowers.

VINCA — MYRTLE

Vineæ minor. April to June. Of a creeping habit, with evergreen foliage and bright flowers; finely adapted to covering bare spots and very shady places where grass will not grow. Green foliage; strong-grower; flowers blue. *Price: 25¢ each, \$2.20 for ten, \$18.00 for 100.*

VIOLA — VIOLETS

V. cornuta. April to August. 9 inches. Dark purple.

V. var. alba. April and May. 6 inches. Large, white-flowered variety and constant bloomer. Useful as a border plant.

V. var. atropurpurea. All Summer. 8 inches. Identical with the type, except that the flowers are a rich dark purple.

VIOLAS or TUFTED PANSIES

Price: 15¢ each, \$1.40 for ten, \$10.00 for 100

Admiration. Soft purple, with dark blotch.

Lutea Splendens. Rich golden yellow.

White Perfection. A fine white.

YUCCA — ADAM'S NEEDLE

Y. filamentosa. Immense clusters of creamy flowers. 4 to 5 feet. June and July. *Price: 50¢ each, \$4.00 for ten.*



Rose Garden on the Estate of Charles L. Harding, Esq., Dedham.

ROSES OUT-OF-DOORS

Rose growing is becoming more and more popular with flower-lovers, especially since the introduction of so many new varieties suitable for out-of-door culture in our rigorous climate. The best of the new, together with many of the old favourites, are included in the following list. The varieties are grouped according to the uses for which they are best fitted. Every sunny corner of the home grounds may well be occupied by some type of Rose.

Directions for Planting and Care

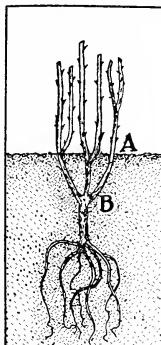
Planting: Roses are generally planted in early Spring, though good results follow planting in October or early November. Potted plants may be set out at any time during the Spring or Summer months. Rich soil is necessary for success with Roses. Dig the bed deep, and fill with plenty of well-rotted manure. Set the plants $2\frac{1}{2}$ feet apart, and bury the collar or bud (B, *see cut*) about three inches below the surface of the ground (A). Spread the roots and work the soil in amongst them, finally treading firmly. Water frequently in dry seasons and keep the surface of the bed well cultivated.

Pruning: New plants should be cut back to within six inches of the ground. Old plants should be pruned in March one-half to two-thirds of the previous season's growth and all dead wood should be removed. Do not allow shoots from below the crown (B) to develop and sap the vitality of the plant.

Protection: In our climate, Roses do best when given Winter protection. Hill them up with earth to a depth of six inches or more and cover the bed with strawy manure secured from blowing away by boards or evergreen branches. In Spring rake off the coarse manure and spade in the remaining fine litter. Tree Roses must be tied up in straw, or removed to cool cellar during the cold weather.

Insects: The most common pests are aphids or lice, and green and black flies. A good general remedy is "Black Leaf 40" a spray containing nicotine. Since this acts upon the bodies of the insects by contact, it must be so applied as actually to hit them. Rose-bugs (beetles) must be picked or shaken from the plants, or poisoned with arsenate of lead.

Diseases: For mildew, dust the leaves with powdered sulphur. For "Black Spot" Hammond's Copper Solution is recommended beginning early in June and spraying every week during July and August.



New Introductions

EDEL

A splendid new White Rose producing flowers of Ivory White colour. Plants are free flowering and very strong growers. Price: \$1.50 each

SOUVENIR de CLAUDIUS PERNET

This is the best yellow rose yet produced. Its colour is a lovely sunflower-yellow deepening in the centre, and it retains its colour. As with nearly all Yellow Roses it should be sprayed for "Black Spot." Price: \$2.50 each

Mary Wallace

The New Climbing Rose

Produced by the late Dr. van Fleet this variety is offered to the public in 1924 for the first time.

Only a few plants are available.

Pillar rose type. Makes a fine strong growth six to eight feet high, with large glossy foliage. Blooms freely in the Spring and has a considerable number of flowers during the Summer and Autumn. Flowers semi-double, clear rose-pink with salmon base, generally exceeding four inches in diameter.

Price: strong field-grown dormant plants, \$2.00 each



Bessie Brown

GARDEN ROSES

The Roses suitable for cut-flower purposes are grouped under this head, and include most of the Hybrids best adapted to garden culture. The two principal classes are the Hybrid Perpetuals and Hybrid Teas. The former are strong-growing, bearing large, full blooms on the ends of the new shoots, and having usually but one blooming period, in June. They are somewhat hardier than the Hybrid Tea varieties. The latter are of weaker growth, but bloom almost constantly from June until frost. In our climate they need some Winter protection, the best method being to fill up the plants with earth and to mulch heavily with straw manure or other light covering. Both classes have their merits, and both should have a place in the home grounds.

After May 1 we can supply most varieties well established in 5 and 6-inch pots which may be set out with safety at any time during the late Spring or Summer. We do not recommend the planting of dormant roses later than May 15.

Abbreviations: AB, Austrian Brier; HP, Hybrid Perpetual; HT, Hybrid Tea; T, Tea.

Prices, except as otherwise noted:

Dormant plants, \$1.00 each; \$9.00 for ten; \$75.00 for 100

Potted plants, \$1.25 each; \$11.00 for ten; \$90.00 for 100

Not less than 25 plants at the 100-rate

Alfred Colomb. HP. Brilliant carmine-crimson; very large, full, and of fine globular form; extremely fragrant, and in every respect a superb sort; foliage large and handsome. One of the most useful of all sorts for general cultivation.

American Beauty. HP. Its very large blooms are deep pink to soft carmine, with delicate veins of dark red on the petals.

Anne de Diesbach. HP. Carmine, a beautiful shade; very large. A superior garden sort; fragrant; one of the hardiest. Valuable for forcing.

Antoine Rivoire. HT. Finely shaped buds, flowers rosy flesh on yellow ground. A very fine variety.

Arthur R. Goodwin. HT. Coppery orange-red, passing to salmon-pink as the flowers expand, a superb combination of colour; flowers medium to large and full, vigorous free branching growth; a most valuable rose.

Baron de Bonstetten. HP. Rich velvety maroon; large, full. A splendid sort.

Bessie Brown. HT. Has unsurpassed beauty of a totally distinct character, bearing large, full, deep and double flowers, on strong, erect stems. The colour is almost pure white, though sometimes flushed with pink; petals large and of fine form.

Betty. HT. Blooms extra large, and fragrant; colour a coppery rose, with golden yellow. Somewhat subject to "Black Spot."

British Queen. HT. Strong growing variety. Buds open with a slight pink flush, but flowers are pure white.

Captain Hayward. HP. Flowers very large; colour bright carmine crimson; vigorous and free-flowering.

Château de Clos Vougeot. HT. One of the finest red Roses.

Flowers are a deep, velvety scarlet and very fragrant. A strong grower and free blooming variety.

Clio. HP. Flowers large, in clusters, of fine globular form, flesh-colour shaded in the centre with rosy pink; growth vigorous; handsome foliage.

Columbia. HT. A very strong grower and free blooming all season. Colour is a beautiful pink, becoming brighter as blooms grow older.

Daily Mail. See Mme. Edouard Herriot.

Dean Hole. HT. Silvery carmine, shaded salmon; large, full flowers of fine form. A garden Rose of great merit.

Duchess of Wellington. HT. Large, long buds, opening to semi-double flowers of saffron yellow, with a few veins of crimson; very fragrant. Should be given good protection during Winter; spray for "Black Spot."

Earl of Dufferin. HP. Rich, brilliant, velvety crimson, shaded with dark maroon; large, full, finely formed; delightful fragrance. A vigorous grower.

Ecarlate. HT. Vivid scarlet blooms, flowering all season. Strong grower.

Edward Mawley. HT. A splendid bedding Rose; colour beautiful, rich crimson, shaded velvety maroon. Flowers are of good substance and produced freely. Strong, vigorous growth.

Etoile de France. HT. Velvety crimson, on stiff erect stems; cupped form; continuous and free flowering; fragrant.

Fisher Holmes. HP. Crimson scarlet flowers, with long buds; a fine rose.

Florence Pemberton. HT. Flowers are creamy white, suffused with light pink. A free bloomer, especially in the Autumn.

Frau Karl Druschki (Snow Queen). HP. Flowers very large, beautiful, pure white. This is the best white Hybrid Perpetual.

General Jacqueminot. HP. Brilliant crimson; not full, but large and extremely effective; fragrant, and of excellent hardy habit; forces well.

General MacArthur. HT. Large flowers of scarlet-crimson on strong growing plants. Very fragrant.

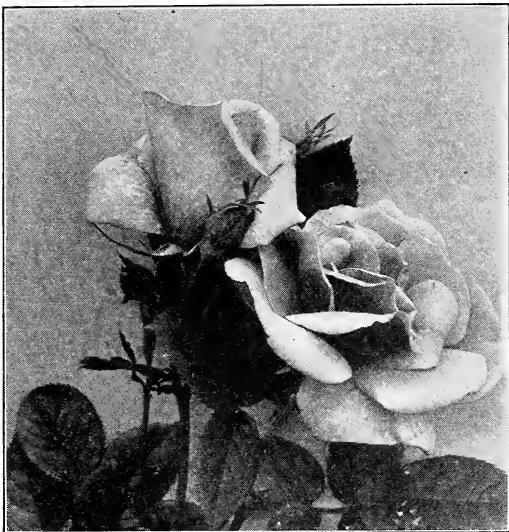
General-Superior Arnold Janssen. HT. Large flowers of deep carmine, very large and fragrant. A strong growing variety.

George Arends (Pink Frau Karl Druschki). HP. Of vigorous fine habit; bright pink, flowering singly on the point of each shoot.

George Dickson. H.P. This is one of Dickson's best introductions. The colour is a velvety scarlet-crimson, with brilliant scarlet reflexed tips. Globular shape, five inches in diameter.



American Beauty



Mme. Edouard Heriot or Daily Mail

Gloire de Lyonnaise. HP. White, tinted yellow, large, moderately full; resembles a Tea Rose in form and fragrance. **Gorgeous.** HT. Orange-yellow, veined reddish-copper. Large well shaped flowers. As with all yellow varieties it is subject to "Black Spot."

Gruss an Teplitz. HT. Colour scarlet, shading to velvety crimson, very fragrant, a free grower and most profuse bloomer; handsome foliage. Especially valuable as a bedding rose. We can recommend it as one of the choicest.

Golden Emblem. HT. A beautiful clear yellow Rose, sometimes having spots of crimson on outer petals. Foliage glossy and of good substance. More or less subject to "Black Spot."

Hadley. HT. Bright scarlet flowers. Very strong plants.

Harry Kirk. HT. Flowers clear yellow, very fragrant and strong grower. Should be well protected during Winter.

Heinrich Münch. HP. Immense flowers, soft pink.

Hermosa. HT. Bright rose, flat form, very double; a constant bloomer and quite hardy.

Hoosier Beauty. HT. Long buds, flowers are very large, dark crimson. Vigorous grower and constantly in bloom.

Hugh Dickson. HP. Intense crimson, shaded scarlet; very large, full, and magnificent form. Intensely fragrant. Awarded the Gold Medal of the National Rose Society of England.

Janet. HT. Large globular blooms of salmon-flesh colour, very fragrant.

J. B. Clarke. HP. Very large, intense scarlet flowers. Strong growing variety. Sometimes classed as a Tea Rose as it often blooms in Autumn.

John Hopper. HP. Bright rose with carmine centre; large and full. A profuse bloomer and standard sort.

Jonkheer J. L. Moek. HT. One of the most popular Roses. It is vigorous and sends up strong, erect, flowering shoots. The flowers are of perfect form, of a lovely carmine colour on outside petals, silvery pink on inside; highly fragrant. They possess the marked peculiarity of developing slowly and lasting for a long time.

Juliet. AB. A most distinct and attractive Rose, with large, perfect flowers. The outside of the petals is old gold, the interior rich rosy-red changing to deep rose as the flowers expand; of powerful, delicious fragrance.

Kaiserin Augusta-Victoria. HT. White, faintly blended with cream colour; very large, full and double, almost perfect in form, and it continues beautiful even when fully expanded; very free flowering.

Killarney. HT. Colour flesh, shaded white, suffused pale pink; large buds, long and pointed; blooms profusely throughout the season.

Killarney Brilliant. HT. An improved *Killarney*, colour more brilliant, and better bloomer.

Killarney White. HT. Flowers in shape and size similar to *Killarney* but pure white.

Lady Alice Stanley. HT. Coral-rose on outside, flesh pink inside. One of the best roses, very strong grower, blooming profusely during the entire season.

Lady Ashtown. HT. Pale carmine pink shading to golden yellow at base.

Lady Hillingdon. T. Deep apricot-yellow, long pointed buds; very free flowering and a good grower.

Lady Pirie. HT. Large flowers, outside reddish salmon, lighter inside.

Lady Ursula. HT. Flowers are large, clean flesh-pink and fragrant. Very strong grower and good bloomer in Spring, Summer, and Autumn.

La France. HT. Delicate silvery rose, changing to silvery pink; very large and full, of fine globular form; a most constant bloomer. One of the sweetest and most useful of all Roses.

Laurent Carle. HT. A splendid red variety. Flowers are velvety crimson; a good Autumn bloomer.

La Tosca. HT. Silvery pink, with deeper centre; strong grower.

Los Angeles. HT. A magnificent Rose in vigour of growth, colour, form, and fragrance. The colour is a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. The buds are long and pointed and they expand into intensely fragrant, beautiful flowers of large size. Subject to "Black Spot." Price, dormant: \$1.25 each, \$11.00 for ten; potted: \$1.50 each, \$14.00 for ten.

Louise C. Breslau. AB. Long buds coral-red, shaded with yellow. It is a strong grower, but should be protected against "Black Spot."

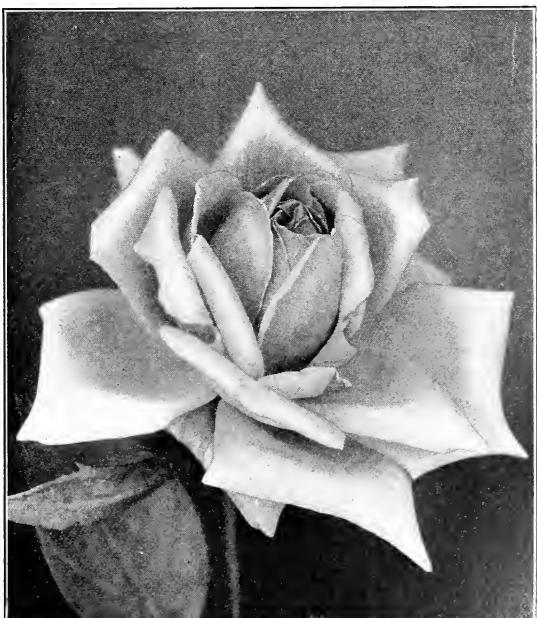
Lyon. AB. The wonderful colouring of this beautiful Rose must be seen to be appreciated. The buds are long, tipped coral-red and chrome-yellow at the base. The flowers when expanded are large and full, with broad petals of a superb colour, being a coral-red or salmon-pink, shaded with chrome-yellow in the centre, toning to a shrimp-pink at the tips.

Mme. Butterfly. HT. A sport of *Opelia*. Shows even a better growth; large flowers, brilliant pink suffused apricot and gold.

Mme. Caroline Testout. HT. Large and double, colour clear bright rose, very sweet, resembling *La France*, but of more sturdy habit; very free flowering; one of the best roses.

Mme. Edouard Heriot (Daily Mail). HT. Winner of the Gold Cup which was offered by the *Daily Mail* of London for the best new Rose exhibited at the International Horticultural Exhibition held in London. Colour in bud form coral-red with yellow at the base, while the semi-double open flowers are of a superb coral-red shaded with yellow and bright rosy-scarlet passing to shrimp-red. Subject to "Black Spot" which is readily controlled by spraying with copper solution.

Mme. Gabriel Luizet. HP. Pink, distinct, very large, cup-shaped; somewhat fragrant. One of the choicest.



Los Angeles

Mme. Leon Pain. **HT.** Unusually large and full flowers, salmon shaded to orange; strong grower.

Mme. Ravary. **HT.** Should be in every collection on account of its distinct colour, which is of rich, deep nankeen-yellow, becoming lighter as the flower expands. The flowers are of splendid form; full, double, and very fragrant.

Magna Charta. **HP.** Pink, suffused with carmine; full, globular. Foliage and wood light green, with numerous dark spines. A fragrant, excellent Rose. Valuable for forcing.

Maman Cochet. **T.** Flowers large, full, clear carmine rose, shaded with salmon yellow. Plant very vigorous and free flowering.

Margaret Dickson. **HP.** Of magnificent form; white, with pale flesh centre; petals very large, shell shaped, and of great substance; fragrant, a fine variety; foliage very large, dark green.

Marshall P. Wilder. **HP.** It is of vigorous growth, with healthy foliage; flowers large, semi-globular, full, well formed; colour cherry-carmine, very fragrant. Blooms profusely long after the other Hybrid Perpetuals are out of flower.

Mrs. Aaron Ward. **HT.** Of French introduction. The colour is a distinct shade of Indian-yellow, which, as the flower expands, shades lighter towards the edges, making a splendid colour combination. One of the freest-flowering varieties in our collection.

Mrs. Arthur Robert Waddell. **HT.** Flowers are deep apricot when in bud opening to orange salmon; free flowering especially during the Autumn.

Mrs. John Laing. **HP.** Soft pink; large and of fine form, produced on strong stems; exceedingly fragrant; one of the most valuable varieties for forcing, and flowers continuously in the open ground. Very desirable.

Mrs. R. G. Sharman Crawford. **HP.** Colour deep rosy pink, outer petals shaded with pale flesh, white at base of petals; flowers large, of perfect imbricated form, freely produced from early Summer until late in Autumn. Growth vigorous.

Mrs. W. Christie-Miller. **HT.** Large flowers of pearly white, shaded to salmon-pink. Outside of petals is red and rose. Strong grower, should be in every garden.

Ophelia. **HT.** Flowers are full and perfect, of salmon flesh colour shaded to yellow. Strong grower, and constantly in bloom.

Prince Camille de Rohan. **HP.** Dark maroon, or blood-red flowers, the darkest of them all.

Radiance. **HT.** A splendid free-flowering variety of vigorous habit. Colour light silvery pink, suffused with deeper colour. Flowers are globular.

Red Radiance. **HT.** Similar in habit to the *Radiance* but deep red in colour.

Richmond. **HT.** A well-known brilliant crimson-scarlet; not very double, but beautiful in bud form.

Rose Marie. **HT.** Flowers very large and fragrant, bright rose pink, free bloomer.

Soleil d'Or, or Golden Sun. **AB.** Varies from orange-yellow to reddish gold, shaded with Nasturtium-red; large, full, perfectly double flowers; a strong grower.

Souvenir du President Carnot. **HT.** Flesh, shaded white. An attractive flower of large size and excellent form.

Ulrich Brunner. **HP.** Brilliant cherry red, a very effective colour; flowers of fine form and finish, carried well upon the plant; petals of great substance; plant vigorous, hardy, and resists mildew. One of the best.

William F. Dreer. **HT.** Flowers are similar in shape to *Los Angeles*, and, like that variety, very fine in the half-open flower. Colour soft shell pink, the base a rich golden yellow. Subject to "Black Spot." Price each: \$1.50.

William R. Smith. **T.** A cross between *Kaiserin Auguste-Victoria* and *Maman Cochet*; one of our best bedding roses; flowers large, creamy-white with rose shadings.

Willowmere. **AB.** Buds are coral red opening to shrimp-pink, shaded yellow in centre. Very free flowering, and strong grower; should be protected against "Black Spot."

MOSS ROSES

This is a favourite class with everyone on account of the beautiful buds which, for bouquets and cut-flowers are especially attractive.

Blanche Moreau. Pure white, large, full, and of perfect form; the buds and flowers produced in clusters and freely furnished with a deep green moss. A valuable variety.

Crested Moss. Deep pink coloured buds, surrounded with a mossy fringe and crest; free from mildew. Fragrant, very beautiful.

Princess Adelaide. Pale rose, of medium size and good form; foliage often blotted or variegated. Good in bud and flower. Do not prune this variety severely.

Salet. Light rose, large, full, pretty in bud.

CLIMBING ROSES

Most of the roses in this class are hardy and rapid-growing, thriving in any situation where they receive sunlight for a part of the day.

Abbreviations: **Cl.** **HT.** Climbing Hybrid Tea; **Cl. P.**, Climbing Polyantha; **HCl.**, Hardy Climber; **HW.**, Hybrid Wicburaiana; **W.**, Wicburaiana.

Prices, except as otherwise noted:

Dormant plants: 75¢ each, \$6.50 for ten.

Potted plants ready after May 1: \$1.00 each, \$9.00 for ten.

Alberic Barbier. **HW.** Long, pointed sulphur-yellow buds opening to creamy white. It is somewhat tender, and should be well protected.

American Pillar. **HCl.** Clusters of large, single pink flowers with white centres and prominent yellow stamens. Foliage is dark, waxy-green, free from mildew and insect pests.

Aviateur Blériot. **HW.** Exquisite buds of saffron-yellow shaded apricot, with fine magnolia fragrance.

Christine Wright. **HW.** Blossoms double, wild-rose pink, large and beautiful. Vigorous growth; bright foliage.

Climbing American Beauty. **HW.** Rich red. One of the most popular climbers. Full, double flowers borne in great profusion. Growth vigorous; foliage bright, glossy green.

Climbing Orleans. **Cl.P.** Vivid red double flowers with white centres. Plant is vigorous and comes near to being a perpetual bloomer.

Crimson Rambler. **Cl.P.** Of rapid growth, producing in marvelous abundance clusters of the brightest crimson semi-double roses.

Control of "Black Spot" on Roses

Hammond's Copper Solution, one quart to fifty gallons of water, is the best preventive spray for "Black Spot" on Roses. Begin spraying in early June, especially if weather is close and muggy. Spray once a week.



Paul Neyron

Paul Neyron. **HP.** Deep rose colour; good tough foliage, wood rather smooth; by far the largest variety in cultivation. A free bloomer; very desirable as a garden Rose; valuable for forcing.

Persian Yellow. **AB.** Large, deep golden-yellow. An old favourite.

Pharisaer. **HT.** Flowers large and full, rosy white shading to silvery salmon. One of the best.

Prince d'Arenberg. **HT.** Bright scarlet, very large, strong grower.

Prince de Bulgarie. **HT.** Large flowers, silvery flesh, tinted salmon. Especially good because of its strong growth.

Doctor Huey. HW. Semi-double flowers are dark crimson-maroon or deep scarlet, showing cluster of yellow stamens. Flowering season lasts nearly three weeks; never fades "blue."

Doctor W. van Fleet. HW. A delicate flesh-pink. Buds long and pointed; blossoms beautifully formed. Foliage large and glossy. Plant beautiful even when out of bloom.

Dorothy Perkins. HW. Large for a Rose of this class, very double, of a beautiful shell pink colour, sweetly scented, and borne in clusters of thirty or forty.

Excelsa. HW. The same general form as the Crimson Rambler but a far better colour and free from mildew. The flowers are brilliant scarlet in immense clusters.

Flower of Fairfield. HCl. Brilliant crimson.

Gardenia. HW. Buds when opening a deep yellow turning white when expanded. The nearest dependable yellow of the Climbing Roses.

Gloire de Dijon. Cl.HT. Full and lovely blooms, creamy on the outer petals, orange-yellow toward the centre. One of the best climbing Roses. Should be protected for Winter.

Hiawatha. HW. Its flowers are about $1\frac{1}{2}$ inches across, and produced in long, pendulous sprays. In colour it is brilliant, ruby-carmine, with a clear white eye and a mass of golden stamens — a glowing combination of colours, which can be seen at a great distance. The plant is of strong, vigorous growth, with bright green, glossy foliage.

Lady Gay. HW. Beautiful rose pink fading to soft white; very free flowering. This variety resembles Dorothy Perkins.

Paul Noël. HW. Salmon-pink flowers, opening from fine red buds splashed yellow at the base. Long blooming period.

Paul's Scarlet Climber. HW. A vigorous climber, recently introduced, with the glossy Wichuraiana foliage. Double, vivid scarlet blossoms, two inches or more in diameter, are borne in clusters of from ten to twenty. *Dormant plants, \$1.00 each; potted plants, \$1.25 each.*



Silver Moon Climbing Rose

Silver Moon. HW. Immense single white flowers with prominent yellow stamens. Its waxy, dark-green leaves and strong growth are distinguishing characteristics.

Tausendschön. Cl.P. Familiar to many as supplied in bloom by florists for Winter decoration, this rose is none the less attractive for out-of-doors. Large, semi-double, shell pink flowers borne in clusters.

Trier. Cl.P. Creamy-white.

White Dorothy Perkins. HW. A pure white sport from Dorothy Perkins.

Wichuraiana or Memorial Rose. W. Single, pure white flowers; bright green foliage. Much used as a ground-cover for banks and terraces, but also makes a delicate, graceful climber when properly supported.

STANDARD or TREE ROSES

Price: \$2.50 each, \$22.00 for ten

Columbia. Bright pink.

Frau Karl Druschki. White.

Mme. Caroline Testout. Silvery pink.

Mme. Butterfly. Brilliant pink.

Mme. Jules Bouché. White.

Mrs. John Laing. Silvery pink.

Ophelia. Salmon pink.

Radiance. Light silvery pink.

Red Radiance. Red.

POLYANTHA ROSES

These varieties belong to the Dwarf or so-called Baby Rambler class. The China or Bengal Roses are in this class, but our list includes only the bardic Polyanthas.

Dormant plants: 75c. each, \$6.50 for ten. **Pot grown plants** after May 1, \$1.00 each, \$9.00 for ten.

Anny Mueller. Shining pink.

Baby Dorothy (See Maman Levavasseur).

Baby Doll (Tip-Top). Lavender, old gold and pink, tinted white. A continuous bloomer.

Baby Rambler (See Mme. Norbert Levavasseur).

Baby Tausendschön. Rose colour, with soft pink edges.

Cecile Brunner. Pink. Exquisite double buds.

Cecile Brunner. White variety of above.

Catherine Zeimet. Snow white.

Clothilde Soupert. White, shading to deep pink at centre.

Ellen Poulsen. Dark pink.

Erna Teschendorf. Carmine red.

George Elger. Dainty coppery, golden-yellow buds opening to a deep clear yellow.

Madame Norbert Levavasseur. The Crimson Rambler in dwarf form.

Maman Levavasseur. A prolific producer of pure pink flowers.

Orleans. Brilliant geranium-red, suffused rose and deep cerise.

RUGOSA HYBRIDS

These "natural" or "wild" types, and the hybrids derived from them, are hardy, shrubby roses suitable for massing or hedging. The Hybrids retain the vigour and hardiness of the parent species, with refinement of colour and blooming qualities.

Dormant plants only

Conrad Ferdinand Meyer. Pure, silvery-pink, surpassing all others of the Rugosa family in beauty of colour and fullness of form; fragrant and hardy. Price: 90¢ each, \$8.00 for ten.

F. J. Grootendorst. The new Rugosa — baby rambler hybrid. Has typical Rugosa foliage, with trusses of crimson blossoms flowering all Summer. Price: \$1.00 each, \$9.00 for ten.

Rugosa (Type). Single red. Price: 60¢ each, \$5.00 for ten.

Rugosa alba. Pure white. Price: 60¢ each, \$5.00 for ten.

Sir Thomas Lipton. Double white. Price: 90¢ each, \$8.00 for ten.



Rosa Hugonis

Rosa Hugonis

A new bush rose from China, reaching a height of 6 feet. Its arching branches, in early May, are lined throughout their length with pale yellow, single flowers the size of a silver dollar. Hardy everywhere.

Price, potted plants: \$2.00 each, \$18.00 for ten.

COLLECTIONS

Breck's \$25.00 Rose Garden

The thirty-two Roses in the following list are sufficient for about 130 square feet, and may be planted in one, two, or four beds. A planting plan suggesting various arrangements is supplied free. This offer comprises dormant plants of both HT and HP varieties, with certain Brier and Moss Roses which add interest. As the season progresses, the supply of some of these varieties may become exhausted, and we must reserve the privilege of making substitutions, properly labeled, unless otherwise instructed.

(This price is f. o. b. Lexington.)

After May 1, this collection can be supplied from pot-grown plants for \$30.00, f. o. b. Lexington.

HYBRID TEAS

- 1 *Columbia*, Bright pink.
- 1 *Duchess of Wellington*, Yellow.
- 2 *General MacArthur*, Dark scarlet.
- 1 *Gruss an Teplitz*, Crimson.
- 1 *Hadley*, Bright red.
- 1 *Jonkheer J. L. Mock*, Silvery pink.
- 2 *Kaiserin Augusta-Victoria*, White.
- 2 *Lady Alice Stanley*, Coral-rose.
- 2 *Los Angeles*, Flame-pink.
- 1 *Lyon*, Shrimp-pink.
- 1 *Maman Cochet*, White.
- 1 *Mme. Caroline Testout*, Rose pink.
- 1 *Ophelia*, Pale salmon-pink.
- 2 *Red Radiance*, Light silvery pink.
- 1 *William R. Smith*, Creamy white.

HYBRID PERPETUALS

- 1 *Alfred Colomb*, Crimson.
- 1 *Frau Karl Druschi*, White.
- 1 *General Jacqueminot*, Crimson.
- 1 *J. B. Clarke*, Deep crimson.
- 1 *John Hopper*, Carmine.
- 1 *Magna Charta*, Pink.
- 1 *Marshall P. Wilder*, Red.
- 1 *Ulrich Brunner*, Deep red.

MOSS ROSES

- 1 *Blanche Moreau*, White.
- 1 *Crested Moss*, Pink.

BRIER ROSES

- 1 *Persian Yellow*, Pale yellow.
- 1 *Soleil d'Or*, Old-gold.



Lady Alice Stanley



Killarney

Twelve Selected Hybrid Tea Roses

For the home garden, these varieties represent an excellent assortment of "everblooming" roses. Under favourable conditions these plants will blossom from early June until heavy frosts in the Autumn.

Price each: Dormant, \$1.00; Potted, \$1.25 except as noted.

Betty. Coppery-rose, overlaid with golden-yellow. Blossoms are large and full, borne profusely from June until frost.

Columbia. Glowing pink, full blossoms; vigorous growth. **Duchess of Wellington.** Saffron-yellow, stained with crimson.

General MacArthur. Deep velvety scarlet. Vigorous growth. **Gruss an Teplitz.** Probably the most profuse-blooming of the garden roses; excellent for bedding. Velvety crimson.

Jonkheer J. L. Mock. Clear pink, petals silvery beneath. **Kaiserin Augusta-Victoria.** Pure white, large blossoms. Growth vigorous. One of the best.

Killarney. Popular pink variety, especially beautiful in bud. **Lady Alice Stanley.** Rich coral-rose with deeper shadings.

Los Angeles. The most glorious of our collection. Its colour is luminous flame-pink, shaded with coral and gold. Growth is vigorous. Price dormant: \$1.25 each, \$11.00 for ten.

Ophelia. One of the popular new varieties; brilliant salmon-pink, shaded with rose.

Radiance. Light silvery pink.

SPECIAL ROSE OFFER "A"

One each of the above 12 Hybrid Tea Roses, dormant plants, parcel post paid in New England, for \$10.00.

Twelve Selected Hybrid Perpetuals

The Hybrid Perpetuals will withstand cold and exposure better than the less hardy Hybrid Teas. They bloom for two or three weeks in June, and occasionally again in August if severely pruned after the earlier blooming season. The blossoms are large and fragrant, borne on the ends of the new branches.

Price each: Dormant, \$1.00; Potted, \$1.25

Alfred Colomb. An old favourite; cherry-crimson.

Clio. Rosy flesh-colour, shaded pink.

Frau Karl Druschi. The best white rose.

General Jacqueminot. For a bright, shining crimson, the well-known "Jack Rose" cannot be surpassed.

George Arends. Clear, brilliant pink, large and full.

John Hopper. Bright carmine-rose.

Magna Charta. Clear rose-pink.

Marshall P. Wilder. Rich, glowing red.

Mrs. John Laing. Silvery pink, free-blooming.

Paul Neyron. Very large, bright pink.

Soleil d'Or. One of the best yellow roses, of the hardy Brier type. Shaded orange and red.

Ulrich Brunner. Cherry-red of distinct tone.

SPECIAL ROSE OFFER "B"

One each of the above twelve Hybrid Perpetual Roses, dormant, parcel post paid in New England, for \$10.00.

Massing of *Spiraea Van Houttei*

FLOWERING SHRUBS

When right selections are made, the shrub border will show striking flower or foliage effects from early Spring until Autumn. Even in Winter shrubs are attractive for the gracefulness and colour of their stems and branches. The following list comprises sorts which have been found of value in this climate. Most varieties may be planted with equal success in either Spring or Autumn. In general, for massed effects, the dwarf and small-growing shrubs should be set 2½ feet apart; medium and large-growing, 3 to 5 feet apart.

Shrubs for Shady Places: Berberis, Clethra, Cornus, Euonymus, Hamamelis, Ilex, Ligustrum, Lonicera, Rhodora, Ribes, Symphoricarpos, Viburnum.

Shrubs Bearing Bright-Coloured Berries: Amelanchier (Red), Berberis (Red), Cornus (White), Eleagnus (Red), Euonymus (Red), Ilex (Red), Ligustrum (Black), Lonicera (Red or Yellow), Lycium (Red), Pyrus (Red or Black), Rhamnus (Black), Rhodotypos (Black), Rosa (Red), Sambucus (Red or Black), Symphoricarpos (White or Red), Viburnum (Black or Red).

Abbreviations denoting size at maturity: L, large (8 to 12 ft.); M, medium (5 to 8 ft.); S, small (3 to 5 ft.); D, dwarf (2 to 3 ft.); VD, very dwarf (1 to 2 ft.).

Prices of Shrubs, pages 123 to 128, except as noted: 60 cents each, \$5.00 for ten.

AMELANCHIER

A. *Botryatum* (*Shadblush* or *Dwarf Juneberry*). L. Bush or small tree; showy white flowers in April; fruit juicy, of good flavour.

AMORPHA

A. *canescens* (*Lead Plant*). S. June. Deep blue, attractive flowers. Foliage ash-coloured and hairy.

ARALIA — ANGELICA TREE

A. *pentaphylla* (*Five-leaved Aralia*). M. A graceful shrub, with arching, spiny branches and bright green shining foliage. Excellent on rocky banks and slopes, and also valuable for hedges.

ARONIA

A. *arbutifolia* (*pyrus*) (*Red Chokeberry*). M. Very ornamental shrub, leaves woolly beneath, bright tints in Autumn; pure white flowers and bright red berries.

A. *floribunda* var. *nigra* (*Black Chokeberry*). M. Has smooth leaves and large black berries in Autumn.

AZALEA

Without exception, the most showy of flowering shrubs. Dwarf in habit, they associate well with other shrubs, or can be grouped in masses. They prefer deep leaf-mould soil or peat, which will not dry out in Summer.

A. *arborescens* (*Smooth Azalea*). S. July. A large and spreading Azalea, with handsome, dark green foliage, producing white and rose-tinted blossoms late in Summer. Highly fragrant. Price: 15 to 18 in. \$1.75 each, \$15.00 for ten; 18 to 24 in. \$2.50 each.

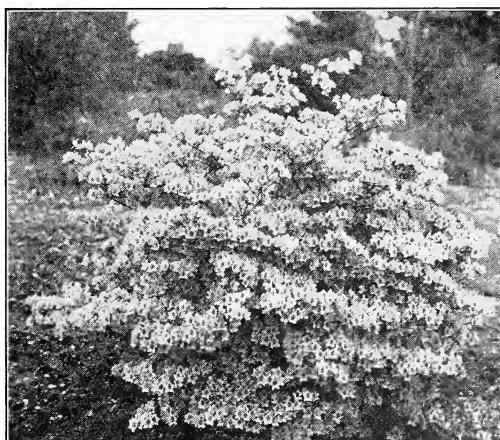
A. *calendulacea* or *lutea* (*Flame Azalea*). M. June. In May and June this Azalea is a mass of blossoms of all shades from light straw-colour to the deepest orange. Price: 15 to 18 in. \$2.00 each, \$18.00 for ten; 18 to 24 in. \$3.00 each, \$27.00 for ten.

A. *Kaempferi* (*Scarlet Azalea*). Price each: 15 to 18 in. \$1.75; 18 to 24 in. \$2.50; 24 to 30 in. \$3.00.

A. *mollis* (*Mixed Colours*). D. Dwarf habit. Resembles Rhododendron; good foliage; flowers in all shades of red, white, yellow, and orange; perfectly hardy, thriving in sunny positions anywhere. Price each: 15 to 18 in. \$2.50; 18 to 24 in. \$3.00.

A. *Vaseyi* or *Rhododendron Vaseyi*. L. June. Its pink or purple blossoms are very like the blossoms of the Rhododendrons. Price: 15 to 18 in. \$2.00 each, \$18.00 for ten; 18 to 24 in. \$2.50 each, \$22.00 for ten.

A. *viscosa* (*White Swamp Honeysuckle*). L. June and July. Flowers in clusters, pure white, with shades of pink, and intensely fragrant. Price: 18 to 24 in. \$2.25 each, \$20.00 for ten; 24 to 30 in. \$2.50 each, \$22.00 for ten.



Azalea Kaempferi



Berberis Thunbergii

BERBERIS — BARBERRY

B. Thunbergii (*Thunberg's Japanese Barberry*). **S.** June. A species from Japan, with round, drooping habit; leaves of a fine brilliant green in Summer, taking on, from early Autumn till December, the most glowing colours. After the leaves fall, the branches are seen to be loaded with scarlet-crimson berries. Unexcelled as a hedge-plant, being thickly set with spines, and never growing bare. *Price: 12 to 15 in. \$2.50 for ten, \$18.00 for 100; 15 to 18 in. \$3.00 for ten, \$24.00 for 100; 18 to 24 in. 50¢ each, \$4.00 for ten, \$35.00 for 100; 24 to 30 in. 60¢ each, \$5.00 for ten.*

B. vulgaris (*Common Barberry*). **S.** June. Vigorous habit; loose, open growth, with quantities of red berries in pendulous clusters in Autumn and Winter.

B. vulgaris var. purpurea (*Purple Barberry*). **S.** Deep purple foliage all Summer. Valuable for colour in planting and hedging.

BUDDLEIA

B. variabilis var. magnifica. (*Butterfly Bush or Summer Lilac*). **S.** Long spikes of lilac-purple flowers with yellow centres from midsummer until frost. It is semi-herbaceous, often dying back to within a few inches of the ground, but growing vigorously from the roots the next season. Spring planting is best. Grows best in rich soil with plenty of sunlight. *Price: 2 to 3 ft. 50¢ each, \$4.00 for ten.*

CALYCANTHUS — SWEET SHRUB

C. floridus (*Carolina Allspice*). **M.** An old fashioned favourite, blooms all Summer. Fine glossy foliage and pineapple-scented, chocolate-coloured flowers.

CARAGANA — SIBERIAN PEA TREE

C. arborescens. **L.** June. Showy, small, yellow flowers. Dark green wood and attractive foliage.

CEPHALANTHUS — BUTTON BUSH

C. occidentalis. **M.** July. This shrub grows well in moist or wet ground, and its curious blossoms, on long stems, which hang all Summer as brown seed-balls are very picturesque.

CLETHRA — WHITE ALDER

C. alnifolia (*Sweet Pepper Bush*). **S.** July to September. Spikes of highly fragrant white flowers are produced in lavish profusion during nearly the entire Summer. Excellent for growing in shady spots.

COLUTEA — BLADDER SENNA

C. arborescens. **L.** July. Of compact growth. Light green, acacia-like foliage; yellowish-red, pea-shaped flowers, followed by curious red, bladder-shaped pods. Hardy and good in any soil.

CORNUS — CORNEL or DOGWOOD

The Dogwoods are attractive for their delicate blossoms in Spring, the clusters of fruit in Autumn, and their bright coloured bark in Winter. They grow rapidly, reaching a height of 8 feet or more.

C. alba (*Sibirica*) (*Red-barked Dogwood*). **M.** In the Winter this is the most showy of all the shrubs, standing out bright and cheerful with its brilliant red bark. It should be planted in groups where its colour effect is visible at a distance. It has healthy, compact foliage, white flowers, and white berries.

C. paniculata (*Gray Dogwood*). **L.** July and August. A bush with a multitude of finely-branched gray twigs and stems, the whole plant taking the form of a round umbel of twigs.

C. stolonifera aurea (*Golden-barked Dogwood*). **M.** A striking contrast when planted with the red-barked variety.

CORYLUS — FILBERT

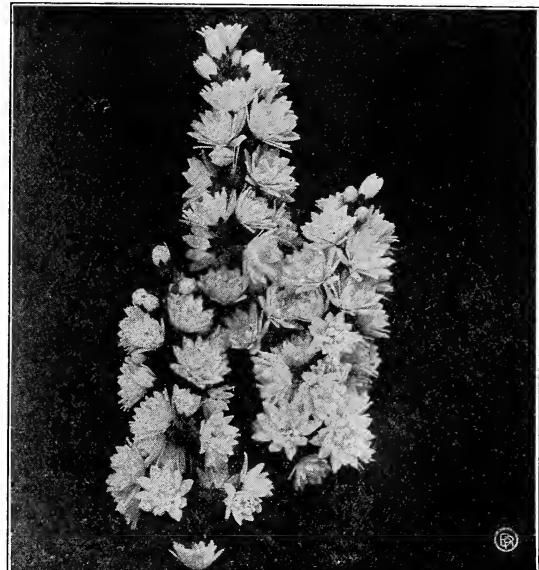
C. avellana var. purpurea (*Purple Hazel*). **L.** A fine broad-leaved bush, with constant deep purple colour. *Price each: 2 to 3 ft. \$1.00.*

CYDONIA — JAPAN QUINCE

Price: 75¢ each; \$6.50 for ten.

C. Japonica (*Fire Bush*). **M.** May. Glossy, dark foliage, with reddish tints. Large, deep scarlet flowers in abundance, followed by large fruit.

C. umbilicata. Dark red flowers.



Deutzia Lemoinei

DEUTZIA

D. crenata fl. pl. (*Double Pink Deutzia*). **L.** June. Very double, white flowers, tinged with purplish rose.

D. var. Pride of Rochester. **L.** June. More vigorous and with larger panicles of flowers than the preceding. Blossoms are tinted with rose.

D. gracilis (*Slender Deutzia*). **D.** May or June. It forms a round, dense bush, covered with snow-white flowers.

D. var. rosea (*Slender Pink Deutzia*). **D.** Of hybrid origin, closely resembling the preceding. Light rose-coloured flowers in profuse clusters. A pleasing variety.

D. Lemoinei. **S.** A remarkably fine hybrid. The branches are entirely covered with erect panicles of large, snow-white flowers.

DIERVILLA — WEIGELA

Price: 75¢ each, \$6.50 for ten

These are free blooming old-fashioned shrubs without which no shrub planting is complete. Their colour ranges from white to very dark red, with a variegated-leaved variety, which is one of the best of that type of shrub.

D. candida (*White Weigela*). **M.** Vigorous and fine in habit; the long tubular, white flowers are produced from June all through the Summer.

D. floribunda. (*Crimson Weigela*). **M.** June. Deep crimson flowers, freely produced.

D. rosea. (*Pink Weigela*). **M.** June. A reliable and fine variety. Rose-coloured flowers.

D. var. nana variegata (*Variegated Dwarf Weigela*). **S.** Of dwarf habit, and possessing clearly defined, silvery variegated leaves; flowers nearly white.

D. Eva Rathke. One of the best of the Weigelas, the plant having a vigorous habit and bearing freely well-shaped, large, crimson-red flowers.

ELAEAGNUS — OLEASTER

E. edulis or **longipes** (*Japan Oleaster*). **L.** July. The leaves are smooth and dark green above and covered on the lower surface with a dense silvery white pubescence. The small yellow flowers are solitary. The red fruit is exceedingly ornamental.

EUONYMUS — STRAWBERRY TREE

E. alatus (*Winged Burning Bush*). L. A handsome shrub 6 to 8 feet tall, with corynoid-winged branches. Native of China and Japan. Leaves oval, bright green changing in Autumn to gorgeous tones of red and crimson. Price: 75¢ each, \$6.50 for ten; selected specimens \$5.00 each.

E. Europaeus (*Spindle Tree*). L. May. Forms a low, round-headed tree, very compact. Foliage dark, associating well with the pendulous orange and red fruit of Autumn. Price: 75¢ each, \$6.50 for ten.

E. Yedoensis. M. A broad-leaved variety, fruit beautiful, pink caps, orange-red seed pods. Price each: 2 to 3 ft. \$1.50; 3 to 4 ft. \$1.75.

EXOCHORDA — PEARL BUSH

E. grandiflora. L. Foliage broad, lanceolate-ovate, sharp-pointed. Delicately fragrant flowers, pure white, with spoon-shaped petals which are very narrow and stand apart at the base.



Forsythia Fortunei

FORSYTHIA — GOLDEN BELL

The earliest of our Spring-flowering shrubs, blooming in April before the leaves appear. They reach a height of 6 to 8 feet; some are upright and stiff in habit of growth, while others, *F. suspensa* in particular, are drooping and graceful.

F. Fortunei (*Golden Bell*). L. April. One of our best hardy shrubs. Bears its bright yellow flowers in great profusion early in April, before the leaves appear. Foliage deep green and handsome. Grows vigorously in any sunny situation.

F. intermedia. L. Similar to the preceding, but more drooping in habit and not so free-blooming. Good for mass planting.

F. suspensa (*Weeping Golden Bell*). L. April. The long, willowy branches arch gracefully over to the ground and are covered to the tips with trumpet-shaped yellow flowers.

HAMAMELIS — WITCH HAZEL

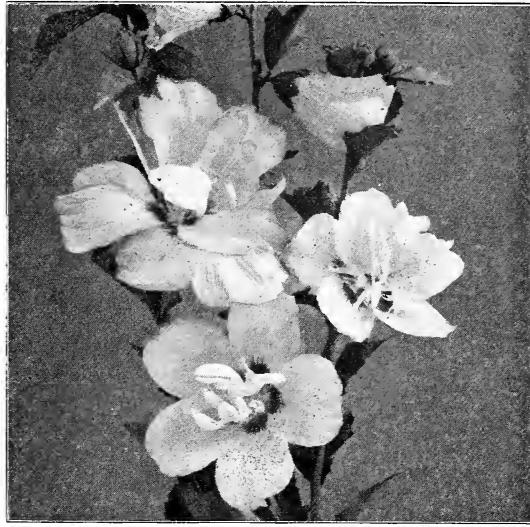
H. Virginica. L. November. Large foliage with downy surface, and yellow flowers, appearing after the ripening of the leaves in November. Grows in all soils.

HIBISCUS — ALTHEA or ROSE OF SHARON
Upright growing shrubs too well known to require detailed description. The rose-like flowers are borne at a season when many other shrubs are taking on their Autumn foliage.

Double, white, red, pink and blue. Single, white, red and blue.

Pruning Shrubs

The Spring and early Summer-flowering shrubs should be pruned after they are through blooming. Late Summer and Autumn-flowering shrubs and those bearing berries, should be pruned in either November or very early Spring. Pruning should be done so as to eliminate old wood. If this practice is continued, your shrubs will remain young and thrifty.



Hibiscus — Althea or Rose of Sharon

HYDRANGEA

Price (except Standard): 75¢ each, \$6.50 for ten

Old favourites which should be included in every shrub collection. They bloom late in the season and the heads of flowers remain until after cold weather sets in. They do well in dry soil; severe pruning in early Spring is necessary if profusion of bloom is sought.

H. arborescens var. grandiflora alba (*Snowball Hydrangea*).

M. Bears spherical heads of pure white flowers in July.

H. paniculata. L. September. The single form of *Paniculata grandiflora*. Is valued highly in landscape planting and should be more generally used.

H. pan. var. grandiflora. L. September. Bears immense cone-shaped heads of white flowers, turning later to shades of pink and red. Given plenty of water and hard pruning every Autumn, its heads of bloom attain immense size.

H. pan. grand. Standard or Tree Form. Branched 2 to 3 feet above the ground, the total height being 5 feet or more. A pleasing small tree for lawn or border. Price: \$1.50 each.

ILEX — BLACK ALDER

I. verticillata (*Black Alder*). M. June. Glossy, dark green foliage and bright crimson berries late in Autumn. Ornamental. Grows in wet or shady places.

KERRIA — CORCHORUS or GLOBE FLOWER

Price: 75¢ each, \$6.50 for ten.

K. Japonica. M. A valuable shrub, bearing single yellow flowers all Summer; in Winter its green branches contrast in marked manner with other shrubs.

K. var. flore pleno. Very double, deep yellow flowers.

LIGustrUM — PRIVET

While the Privets are usually thought of as being particularly for bedding purposes they also become attractive flowering shrubs when given room to develop. (See also under "Hedges" page 13).

Price: 18 to 24 in. 30¢ each, 12.20 for ten, \$20.00 for 100; 2 to 3 ft. 40¢ each, \$3.00 for ten, \$25.00 for 100; 3 to 4 ft. 50¢ each, \$4.00 for ten, \$30.00 for 100.

L. Amurensis (*Amur River Privet*). M. A large shrub with upright branches, growing 8 to 12 feet tall. Native of China. Leaves dark green and lustrous, tardily deciduous, or in the South nearly evergreen. Flowers white, in erect panicles. Splendid for hedges. Sizes offered: 18 in. to 3 ft.

L. Iboia (*Japanese Privet*). M. July. A Privet of the most beautiful character. Dark, oval foliage, contrasting well with the prominent racemes of white, fragrant flowers. One of our best hardy hedge plants. Sizes offered: 18 in. to 3 ft.

L. ovalifolium (*California Privet*). M. Very broad oval-shaped leaves which remain on well into the Winter. One of the most universal of hedge plants and one of the best growing, doing especially well at the seashore. Price: 18 to 24 in. 20¢ each, \$1.50 for ten, \$10.00 for 100; 2 to 3 ft. 30¢ each, \$1.80 for ten, \$12.00 for 100; 3 to 4 ft. 30¢ each, \$2.20 for ten, \$15.00 for 100.

L. var. Regelianum (*Regel's Privet*). A form with spreading, often horizontal branches, smaller and much more dense in habit. Valuable for informal hedges or as single specimens. Price: 2 to 2 1/2 ft. 60¢ each, \$5.00 for ten.

LONICERA — BUSH HONEYSUCKLE

These grow to medium height, and do well in dry shady spots where many other flowering shrubs will not thrive. The blossoms are similar to those of the well-known climbing form, and are followed by red berries.

L. fragrantissima. M. April. A beautiful variety; strong growth; fragrant pink flowers in early Spring. One of the best of shrubs.

L. Morrowi. M. July. One of the finest berry-bearing varieties, the fruit being a rich crimson and remaining a long time. Vigorous habit; yellow flowers.

L. Ruprechtiana (*Manchurian Honeysuckle*). M. A large shrub 8 to 12 feet tall, with broadly lanceolate, dark green leaves, which are whitened beneath with fine down. Flowers pure white, changing to yellow, opening in late Spring. Berries red or yellow.

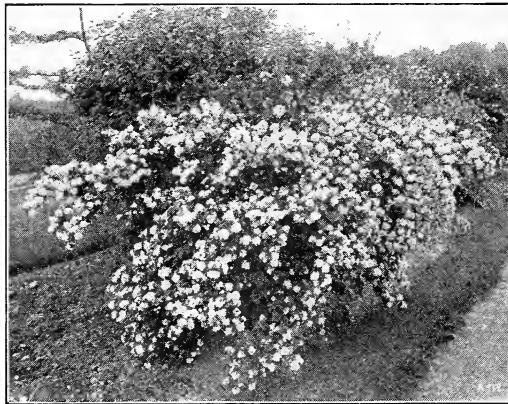
L. Tatarica (*Tartarian Honeysuckle*). M. June. Bears a profusion of pink flowers.

L. var. alba. Pure white, fragrant flowers.

L. var. rubra. Red flowers in great profusion.

MYRICA — BAYBERRY

M. cerifera (*Candleberry*). M. May. A sub-evergreen, low spreading, native shrub, found in sandy places. It covers itself with crowded masses of small white berries in Autumn. There is nothing to equal it for covering sandy or gravelly banks.



Philadelphus — Lemoinei Avalanche

PHILADELPHUS — SYRINGA or MOCK ORANGE

These old fashioned shrubs cannot be surpassed for wealth and fragrance of bloom. Varieties may be selected which will grow tall, or which will not exceed a height of 4 to 5 feet. The Golden Syringa is the brightest and best known of our yellow leaved shrubs.

P. coronarius (*Mock Orange*). L. June. Pure white flowers in dense clusters; very fragrant.

P. var. foliis aureis (*Golden Syringa*). M. July. Of medium dense growth, with golden yellow foliage. A fine shrub for contrast with dark foliage. Price: 75¢ each, \$6.50 for ten.

P. grandiflora (*Large-flowered Syringa*). L. June. Large creamy white flowers, not fragrant. Strong growing.

P. Lemoinei. M. Hybrid. This is a choice and graceful variety; produces fragrant, pure white flowers in clusters in June.

P. var. Avalanche. D. This is a graceful shrub with slender, arching branches, covered almost the whole length with showy white flowers. Especially valuable.

P. Virginialis. M. Very large flowers, semi-double and fragrant.

PRUNUS — FLOWERING PLUM

Under this head are grouped the double-flowered Almonds, and *Prunus triloba*, all of which are among the very choicest of Spring blooming shrubs.

P. maritima (*Beach Plum*). S. April. Grows wild on Cape Cod in sand. Splendid for seashore planting. Fine oval foliage. Very pretty white flowers followed by bright crimson fruit.

P. Pissardi (*Purple-leaved Plum*). (See *Deciduous Trees*, page 138)

P. Sinensis alba plena (*Dwarf White Almond*). S. May. The very double rose-like white flowers fill the branches until they bend beneath the weight of bloom. Price each: \$1.00.

P. var. rosea fl. pl. (*Double Pink Almond*). Similar to preceding, the flowers being rose-coloured. Price each: \$1.00.

P. triloba fl. pl. (*Double-flowering Plum*). M. May. A Chinese shrub, whose Spring beauty is difficult to equal. The large, double pink flowers resemble Roses and are crowded along the slender branches, covering them completely. Price each: \$1.00.

RHODOTYPUS — WHITE KERRIA

R. kerrioides. M. All Summer. An interesting, beautiful shrub from Japan. The Syringa-like flowers bloom through the season from May. Shiny black seeds in Autumn. Price: 75¢ each, \$6.50 for ten.

RHUS — SUMACH

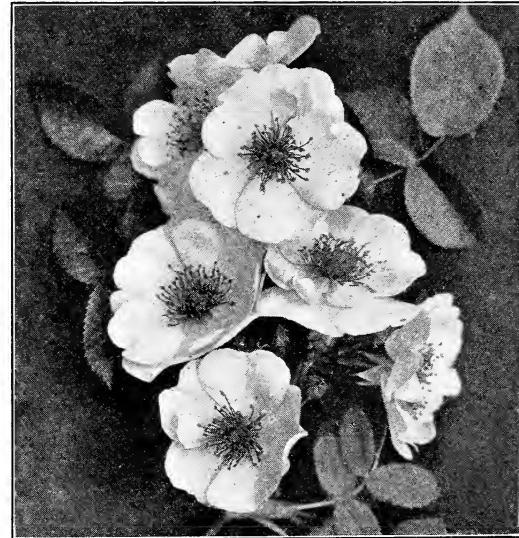
R. Canadensis (aromatica) (*Fragrant Sumach*). M. May. A low-growing bush with handsome, thick, fragrant foliage, which colours to scarlet in Autumn. Grows on poor soil and among rocks. Yellow flowers.

R. Cotinus (*Purple Fringe or Smoke Bush*). L. The large masses of misty, purplish flowers, which this bears in June, give it the name of Smoke Bush. The leaves change to varying colours in Autumn.

R. glabra (*Smooth Sumach*). L. June. Excellent foliage, topped in Autumn with prominent crimson heads of seed. Fine Autumn colouring. Good on rocky or poor soil.

R. var. laciniata (*Cut-leaved Sumach*). M. A most ornamental variety, with finely divided, fern-like leaves.

R. typhina (*Stag-born Sumach*). L. Grows generally in bush form to 10 feet in height; the foliage is compound, light green and of large size, and in Autumn is brilliantly coloured. A most effective plant for grouping in masses; thrives on poor soil.



Rosa Multiflora Japonica

ROSA — WILD ROSE

These wild or natural types are well adapted to planting in the shrub border. They bloom profusely in early Summer, and later bear showy seed pods. (See *Rose Section* for other varieties.)

R. multiflora Japonica. Single pure white flowers in clusters, small scarlet hips in Winter.

R. rubiginosa (*Sweet Briar*). Sweet scented foliage, pink flowers and orange red fruit.

R. rugosa (*Japanese Rose*). Leaves wrinkled, dark green above, pale beneath. Flowers single, pink or red. Fruit large, bright red. Useful for seashore planting, for hedges, or shrub masses.

R. var. alba (*White Japanese Rose*). Same as above, with flowers pure white.

R. setigera (*Prairie Rose*). Long, slender, arching branches, single deep rose flowers in great profusion; bright red fruit.

RUBUS — BRAMBLE

R. odorata (*Flowering Raspberry*). M. All Summer. A noble plant, with leaves 6 to 12 inches broad and pink-purple blossoms 2 inches across, in clusters which continue to bloom all Summer. Very fragrant. One of the most useful plants for partially shaded places, for rustic planning, or for groups.

SAMBUCUS — ELDER

S. Canadensis (*Common Elder*). L. June. Flat heads of flowers and reddish purple berries in Autumn. Likes damp soil.

S. nigra var. aurea (*Golden Elder*). A large, golden-leaved form. Requires the full sunlight in which case it becomes one of the best of yellow shrubs.

S. racemosus (*Scarlet-berried Elder*). L. A new shrub, with snowy white flowers in May; later, bunches of vivid crimson berries. A fine shrub.



Spiraea Anthony Waterer

SPIRÆA — MEADOWSWEET

One of the most valuable classes of hardy shrubs. The best known is, of course, *S. Van Houttei*, which has superseded the old-fashioned *Bridal Wreath* in popular favour. *S. Arguta* is the earliest to bloom, followed by the feather-leaved *S. Thunbergii*. The dwarf growing *S. Anthony Waterer* blooms during the Summer. *S. opulifolia aurea* is a tall rapid-growing form with yellow foliage.

S. arguta. M. Closely allied to the well-known early flowering *S. Thunbergii*, which it resembles. It is, however, of more elegant habit than the latter, having larger flowers borne on comparatively upright stems.

S. callosa (*Fortune's Spiraea*). M. Deep rose-red flowers in close clusters, lasting nearly all Summer.

S. Japonica Bumalda (*Bumald's Spiraea*). S. Grows as a low, round bush, producing numerous flat heads of rosy hue from Midsummer until Autumn.

S. Froebeli. S. Taller than *S. Ant. Waterer*. Flowers bright crimson, foliage turns red in Autumn.

S. var. Anthony Waterer. S. An improved form of the dwarf *S. Bumalda*. Very low growing and bearing flat heads of brilliant crimson blossoms all through the late part of the Summer.

S. opulifolia (*Nine Bark*). L. June. A strong-growing shrub with white flowers along the stems.

S. opulifolia aurea (*Golden Spiraea*). M. One of the best of our yellow-leaved shrubs. Golden yellow all Summer.

S. prunifolia fl. pl. (*Bridal Wreath*). M. May. Strong-growing, irregular form, small, roundish, shining leaves, of beautiful Autumn colour; flowers double white, abundant in May.

S. Reevesiana. M. Similar to *S. Van Houttei*. Double white flowers, fine dark green foliage.

S. sorbifolia (*Ash-leaved Spiræa*). S. July. Handsome foliage resembling the Mountain Ash. Long showy panicles of white flowers. A fine variety.

S. Thunbergii (*Thunberg's Spiræa*). S. April and May. Low-growing, rounded form, delicate, drooping, yellowish green, lanceolate foliage, which takes and retains late the most lovely tints in Autumn. Small, abundant, white flowers in May.

S. Van Houttei (*Van Houtte's Spiræa*). M. June. The finest and most satisfactory of all Spiræas, either singly or among other shrubs. It forms a round and graceful bush with arching branches, which in June are set from end to end with the beautiful white blossoms.

STEPHANANDRA

S. flexuosa. S. An attractive shrub of low, dense growth, with deeply cut foliage which turns to brilliant red in Autumn. Flowers creamy white.

SYMPHORICARPOS — SNOWBERRY

S. racemosus (*Snowberry*). S. July. Bushy form, pink flowers in Summer, white waxy berries in Autumn.

S. vulgaris (*Indian Currant*). S. Low-growing, spreading, graceful habit; foliage attractive; noteworthy from the beauty of its clusters of red berries.



Syringa "President Grévy"

SYRINGA — LILAC

Price: 90¢ each, \$8.00 for ten

Unless intended for a hedge, Lilacs should be planted far enough apart so that they can develop naturally, under which conditions they will bloom profusely from top to bottom. Especial attention should be called to the less common varieties, *S. Josikæa*, *S. Villosa* and *S. Persica*. The former are late blooming, the foliage being plicated and leathery, not subject to rust and mildew as is the case with the Common Lilac. The Persian Lilac is a slender growing shrub with a tendency to droop, especially when in bloom. Amongst the named hybrids many striking colours will be found.

S. Josikæa. L. May. Valued for its handsome, large, wrinkled leaves and for its late-blooming quality. Flowers are bluish-purple.

S. Persica (*Persian Lilac*). L. May and June. Habit more open and branches more slender and drooping than other Lilacs. Flowers light purple.

S. var. alba (*White Persian Lilac*). L. A pure white form of the above.

S. villosa. L. Colour varies from light pink to almost blue. Valuable for late blooming. Out of bloom, the shrub forms a striking object on account of the dark, glossy, massive leaves.

S. vulgaris (*Common Lilac*). L. May. Purple, fragrant flowers, large clusters.

S. var. alba (*Common White Lilac*).

S. alba grandiflora. Very large trusses of pure white flowers.

NAMED HYBRID LILACS

Price: \$1.25 each, \$11.00 for ten

S. Alphonse Lavelle. Like a double Hyacinth, fine, blue, shaded to violet.

S. La Tour d'Auvergne. Violet-purple, large, double; excellent.

S. Charles X. Magnificent clusters of dark red flowers, produced in the greatest profusion.

S. Ludwig Spaeth. The clusters are very large and of splendid dark purple-red colour, not only as buds, but even when the blossoms are fully expanded.

S. Marie le Graye. A dwarf grower, and one of the finest white varieties.

S. Mme. Casimir Perier. Large trusses of very double creamy-white flowers.

S. Mme. Lemoine. A grand double white variety. Vigorous habit and immense foliage.

S. President Grévy. Petals of cobalt-blue, with the centres more brilliant and the edges rosy. The buds are of a violet hue.

VACCINIUM — HUCKLEBERRY

V. corymbosum. (High-bush Blueberry). M. Bears clusters of white flowers in May, followed by the edible fruit in August. Price: \$1.50 each, \$14.00 for ten.



Viburnum Sieboldi

VIBURNUM — ARROW-WOOD

Price: 75¢ each, \$6.50 for ten

These hardy native shrubs supply us with some of our best planting material. They will grow in partial shade, and will stand exposure to cold winds. The best known are perhaps the Japanese Snowball (V. plicatum) and the High Bush Cranberry (V. opulus), the latter bearing heavy clusters of bright red berries, somewhat resembling those of the Mountain Ash.

V. dentatum (Arrow-wood). M. June. Glossy, handsome leaves, white flowers, and fine steel-blue berries in Autumn.

V. lantana (Wayfaring Tree). M. May and June. Good size, bushy, large foliage, noteworthy for its silvery underlining; ornamental red, then black, fruit in Autumn.

V. lentago (Sheepberry). M. Flowers creamy white, very fragrant; foliage a light, glossy green.

V. opulus (High-bush Cranberry). L. June. One of the best for general planting. The leaves are broad and elegant, and the Autumn-borne, bright scarlet berries catch the eye late into Winter.

V. var. sterile (Common Snowball). L. Filled with large pendant balls of snow-white flowers in May.

Viburnum Carlesii

A new and valuable addition. Flowers are light pink, with a delightful fragrance. Makes a nice bushy plant and flowers freely when established.

Plants 2 to 2½ feet high, \$2.50 each

V. tomentosum (Single-flowered Japanese Snowball). A vigorous shrub with spreading branches, a native of Japan. Leaves dark green with bronzy margins, broadly ovate. Flowers white, produced in flat-topped clusters, with the marginal ones sterile and radiant. Berries red, changing to bluish black.

V. var. plicatum (Japanese Snowball). A handsome shrub with showy flowers and beautiful foliage. The large globose flower-clusters are 3 to 4 inches across, and consist of sterile radiant flowers of purest white. Hardy in Massachusetts, but should be protected from piercing winds in colder sections.

V. Sieboldi. M. Leaves large, dark green and shining above, starry pubescent beneath. Flowers white, disposed in broad pyramidal clusters 3 to 4 inches across. Berries pink, changing to bluish black.

XANTHORRHIZA

X. apiifolia (Yellow-root, or Brookfeather). An attractive shrub, usually 1 to 2 feet tall, with bright yellow wood and roots. Leaves compound, consisting of about five deeply incised or lobed, bright lustrous green leaflets. Flowers brownish purple, in drooping compound racemes in early Spring.

Annual Care of Shrubs

Aside from pruning, all shrubs should have the additional care of cultivation. There is no better practice than to accumulate compost, leaf mold and barnyard dressing during the Spring clean-up, and when the early rush is over, to spread it through the shrubbery border and fork it in. The soil under shrubs should be forked annually and enriched once every two years.

Breck's Shrub Collections

We call particular attention to the following **Shrub Collections**, which have given the utmost satisfaction since their introduction. The shrubs are carefully selected for the particular purpose for which they are intended. They are strong, well-grown specimens, and when set out according to our plans, compare most favourably with plantings laid out by the leading landscape architects. These collections represent the greatest possible value for the minimum outlay where quality above all else is considered.

SHRUB COLLECTION A (Corner Group)

THIS assortment is intended for planting around or within the corner of a building, and consists of eleven hardy bordering shrubs as follows: 1 *Forsythia Fortunei*; 2 *Hydrangea pan. grand.*; 2 *Spiraea Van Houttei*; 3 *Deutzia gracilis*; 3 *Spiraea Anthony Waterer*. A planting plan showing arrangement is supplied. Price, eleven shrubs as above, f.o.b. Lexington, \$5.00.

SHRUB COLLECTION B (Entrance Group)

For planting on both sides of the house entrance the sixteen shrubs in this list give a variety of foliage and colour. Tall varieties are provided for the back, with smaller growing kinds for bordering. List: 2 *Forsythia Fortunei*; 2 *Lonicera tatarica*; 2 *Spiraea Van Houttei*; 6 *Berberis Thunbergii*; 4 *Spiraea Anthony Waterer*. Price: sixteen shrubs as above with planting plan showing arrangement, f.o.b. Lexington, \$7.25.

BORDER PLANTING

For planting as a shrubbery border along a fence or building either or both of the above collections are well adapted. Collection A will make a border 12 to 16 feet long and 4 to 5 feet wide; Collection B will make a border 25 to 30 feet long and 4 to 5 feet wide. Collections A and B together (using two lots of A) will provide a complete foundation planting for the front of a large house. Planting plans are supplied showing various combinations.

"SHADY SPOT" SHRUB COLLECTION

For the shady side of a building, or under trees in situations where roots from the latter do not cause extreme dryness, the following twelve shrubs are recommended: 1 *Ligustrum Ibla*; 2 *Lonicera tatarica*; 2 *Aralia pentaphylla*; 3 *Stephanandra flexuosa*; 4 *Berberis Thunbergii*. These are chiefly foliage shrubs, suitable for the conditions specified.

Price: above twelve shrubs with planting plan, f.o.b. Lexington, \$5.00.

VINES and CLIMBERS

Few well planned houses are seen now-a-days without one or more of these decorative plants. They serve also in the general scheme of covering other buildings or dividing the grounds. Of course a vine or climber must have something to climb on—we furnish from our wood-working shop all manner of trellises, lattices, and screens for this purpose both in stock designs and custom built to suit special requirements. Let us submit sketches and estimates to meet your needs.

ACTINIDIA

A. arguta. A strong-growing climber from Japan. Foliage glossy green, and flowers white, with a purple centre. The fruit is edible. Price: 2 year plants, 75¢ each.



AKEBIA

A. quinata. May. One of the best Japanese vines, with beautiful, clover-like leaves and plum-coloured flowers. A splendid vine. Hardy. Price each: 2 year plants, 60¢; from 6 inch pots, 75¢.

AMPELOPSIS — WOODBINE

A. quinquefolia (*Common Woodbine* or *Virginia Creeper*). A native vine, most vigorous in growth. Intense crimson leaves in Autumn. Excellent for wall covering. Price: 2 year plants, 50¢ each, \$4.00 for ten, \$35.00 for 100.

A. var. Engelmanni. A variety of the above, with stronger tendril discs, that cling like an ivy to any surface. Price: 2 year plants, 50¢ each, \$4.00 for ten, \$35.00 for 100.

A. tricuspidata, or Veitchii (*Japan* or *Boston Ivy*). Used generally, notably in Boston, to cover walls, its fine shoots extending to the roofs of tall buildings. In the Autumn the leaves assume the most gorgeous and varied tints. Price: 2 year plants, 50¢ each, \$4.00 for ten, \$30.00 for 100; from 5 inch pots, 75¢ each, \$6.50 for ten.

ARISTOLOCHIA — PIPE VINE

A. siphon (*Dutchman's Pipe*). A vine with immense heart-shaped leaves, very dense, and when well established, of most rapid growth. Its brown flowers are shaped like a pipe. Price each: \$1.50.

CELASTRUS — BITTERSWEET

C. scandens (*Roxbury Waxwork*). This beautiful old shrubby climber is brilliant through Autumn and Winter, filled with its clusters of orange and crimson capsuled fruit. The leaves are glossy and fine. Good in any situation. Price: 2 year plants, 50¢ each, \$4.00 for ten.

CLEMATIS

C. cocinea (*Scarlet Clematis*). All Summer. A strong climber; light green foliage and bell-shaped, scarlet flowers, produced in great profusion. Prices: 2 year plants, 75¢ each.

C. crispa (*Crisped Leather Flower*). July to September. Flowers singly on long stalks, abundant, 1½ inches long, lilac-purple, and delightfully fragrant. Price: 2 year plants in pots, 75¢ each.

C. paniculata. The familiar White Clematis, its masses of small, fragrant flowers smothering the vine in early September. The tufts of woolly seeds which follow are equally ornamental.

Grows rapidly when once established. Suitable for covering trellises, fences, walls, etc. Price: 2 year plants, 50¢ each, \$4.00 for ten; \$30.00 for 100; 3 year plants, 60¢ each, \$5.00 for ten, \$35.00 for 100; from 5 inch pots, 75¢ each, \$6.50 for ten.

C. Virginiana (*Virgin's Bower*). August. A strong climber with dark green foliage and very pretty white flowers; the bunches of seeds have long, woolly tufts, making them very ornamental for Winter decoration. Price: 2 year plants, 50¢ each, \$4.00 for ten; from 5 inch pots, 75¢ each, \$6.50 for ten.

Hybrid Large-Flowered Clematis

Price: 2 year plants, \$1.00 each

Duchess of Edinburgh. Double, white, sweet-scented. Henryi. One of the best whites. Large, creamy white. Jackmani. A general favourite. Violet-purple and free-flowering.

DOLICHOS (PUERARIA) — KUDZU VINE

D. Japonicus. An extremely fast-growing vine, with immense leaves, and bearing small racemes of rosy purple pea-shaped flowers towards the close of August. Price each: 75¢.

HEDERA — IVY

H. Helix. The well-known English Ivy; its broad, glossy, dark leaves retain their beauty all Winter if planted on the eastern and northern sides of buildings, away from the sun. It is hardy in New England. Price: 2 year plants in pots, 50¢ each, \$4.00 for ten; 3 year plants in pots, \$1.00 each, \$9.00 for ten; Larger Specimens \$3.00 to \$5.00 each.

HUMULUS — HOP

H. lupulus (*Common Hop-vine*). July and August. Strong grower. Price: 2 year plants, 40¢ each, \$3.50 for ten.

LONICERA — HONEYSUCKLE

L. var. Halliana (*Hall's Evergreen Honeysuckle*). All Summer. More generally used than any other variety. Deep green foliage, which is almost evergreen through the Winter, the fragrant yellow and white flowers blossoming for mid-summer until frost. Price: 2 year plants, 50¢ each, \$4.00 for ten, \$30.00 for 100; 3 year plants, 60¢ each, \$5.00 for ten, \$40.00 for 100.

L. sempervirens (*Scarlet Trumpet Honeysuckle*). This bears during the Summer clusters of scarlet, tubular flowers. Handsome foliage and fruit. Price: 2 year plants, 50¢ each, \$4.00 for ten.

LYCIUM — MATRIMONY VINE

L. Barbarum (*Barbary Box Thorn*). This is generally regarded as a climber, as its long, vigorous shoots push upward 8 to 10 feet, and then recurve gracefully to the ground, strung along their entire length late in the Summer with transparent, brilliant crimson berries. Good in poor soil. Price: 3 year plants, 50¢ each, \$4.00 for ten.

POLYGONUM

P. Baldschuanicum (*Silk Vine*). Strong grower, covered with a sheet of snowy white flowers. Particularly fine when allowed to ramble over trees. Price: 75¢ each, \$6.50 for ten.

TECOMA (BIGNONIA) — TRUMPET VINE

T. (or Bignonia) radicans. The scarlet Trumpet Flower. Long and handsome dark green foliage and quite showy clusters of orange and scarlet flowers during the Summer. We have not found any other varieties reliably hardy in New England. Price: 2 year plants, 50¢ each, \$4.00 for ten.

VITIS — ORNAMENTAL GRAPE

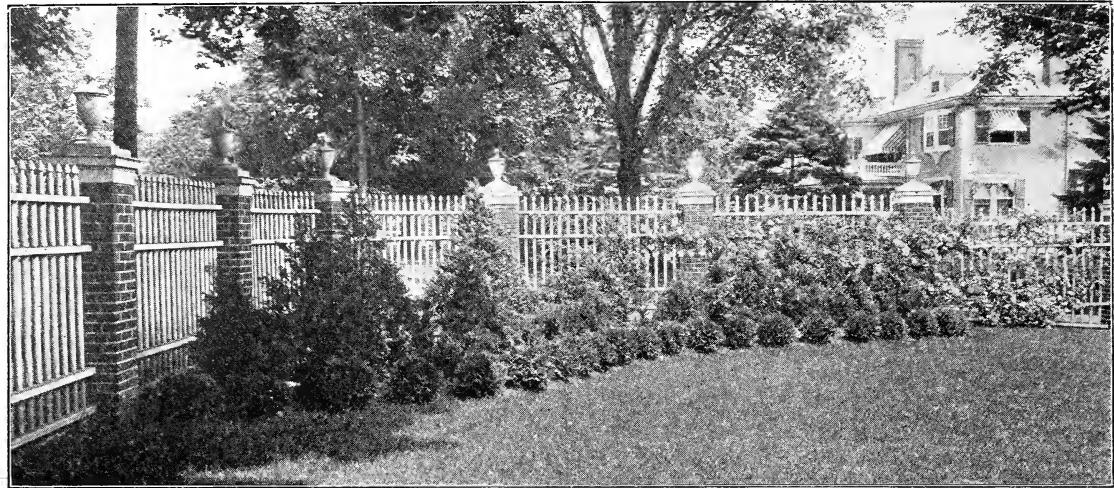
V. heterophylla. Strong-growing vine of fine appearance. Price: 3 year plants, 50¢ each, \$4.00 for ten. For Edible Grapes see *Fruit Section* pages 142 and 143

WISTARIA

W. Chinensis (*Chinese Wistaria*). May and August. The most popular variety. Flowers in pale blue pendulous clusters. Price: 3 year plants, 3 to 4 ft. \$1.50 each, \$14.00 for ten.

W. var. alba. White-flowered variety of the above. Price: \$1.50 each.

W. magnifica (*American purple*). Price: 2 year plants, 50¢ each, \$4.00 for ten.



HARDY EVERGREENS

Nothing approaches in richness a properly arranged mass-planting of Hardy Evergreens. Many striking combinations of colour, height, and varied foliage are possible; best of all, they are as effective in Winter as in Summer. We furnish many other varieties that are worthy of use in this locality; but the following we recommend as most reliable for general planting.

ABBREVIATIONS:

Referring to size: L large, M medium, S small, D dwarf, VD very dwarf; referring to growth: r rapid; m medium, s slow, v vigorous.

ABIES — FIR

A. *balsamea* (*Balsam Fir*). Lr. Of rapid, slender pyramidal growth, with very dark foliage. Grows in cold, wet ground as well as in better soil. *Price each:* 3 to 4 ft. \$2.00; 4 to 5 ft. \$3.00.
 A. *concolor* (*Silver Fir*). Lm. It is from Colorado, and grows to a height of 50 feet and more. The foliage varies exceedingly in colour from a glaucous-blue to a very light green. It is graceful and feathery, and as it grows older retains its lower limbs. *Price each:* 2 to 3 ft. \$3.00; 3 to 4 ft. \$6.00; 4 to 5 ft. \$8.00; 5 to 6 ft. \$10.00.
 A. *Fraseri* (*Double Balsam*). Lr. A splendid native tree, like the Balsam Fir, but with darker, richer foliage; of better growth, and of far more distinct and elegant appearance. Very hardy in New England. *Price each:* 2 to 3 ft. \$3.00; 3 to 4 ft. \$4.00; 5 to 6 ft. \$6.00; 6 to 7 ft. \$7.00; 7 to 8 ft. \$8.00.

JUNIPERUS — JUNIPER

J. *Chinensis* (*Chinese Juniper*). Ds. One of the most desirable of the genus; should be kept closely pruned, when its silvery young growth becomes luxuriant and leafy. *Price each:* 2 to 3 ft. \$3.50; 3 to 4 ft. \$5.00.
 J. *Chin. var. albo-variegata* (*Silver-tipped Juniper*). Ds. Bluish green foliage, very dense, interspersed with silvery white. One of the best of Junipers in growth and appearance. A charming dwarf plant. *Price each:* 15 to 18 in. \$2.50; 18 to 24 in. \$3.00.
 J. *Chin. var. Pfitzeriana*. Dm. A beautiful new evergreen of graceful habit, resembling in form the well-known *J. Japonica aurea*, though in colour the foliage is of a pleasing glaucous green. *Price each:* 15 to 18 in. \$3.00; 18 to 24 in. \$4.00; 24 to 30 in. \$6.00.
 J. *Chin. var. Sargentii* (*Sargent's Juniper*). VDs. Beautiful prostrate form of *J. Chinensis*. *Price each:* 18 to 24 in. \$5.00.

More Evergreens are lost through lack of moisture than for any other cause. During the dry season make a "basin" around the tree and fill it with water at least twice a week.

J. *communis var. depressa* (*Common Juniper*). Ds. Usually a shrub with spreading, sometimes prostrate branches which curve upwards near the ends; widely distributed throughout the colder regions and mountains of the Northern Hemisphere. Foliage grayish green, very dense. A beautiful shrub and valuable in rockeries or as a ground cover. *Price:* 12 to 15 in. \$1.50 each, \$14.00 for ten; 15 to 18 in. \$2.00 each, \$18.00 for ten; 18 to 24 in. \$2.50 each, \$22.00 for ten; 24 to 30 in. \$3.00 each; 30 to 36 in. \$3.50 each.

J. *com. var. aurea* (*Douglas's Golden*). VDs. Forms a mat-like spreading growth of brilliant golden colour. Valuable for edging and grouping. *Price:* 12 to 15 in. \$1.50 each, \$14.00 for ten; 15 to 18 in. \$2.00 each, \$18.00 for ten.

J. *com. var. Hibernica* (*Irish Juniper*). Mm. Of dense, pillar-like growth. Glaucous green foliage. *Price:* 2 to 3 ft. \$2.50 each, \$22.00 for ten.

J. *var. suecica compacta* (*Swedish Juniper*). Mm. Grows much as the Irish does, but is of more bushy form. *Price:* 2 to 3 ft. \$2.50 each, \$22.00 for ten; 3 to 4 ft. \$3.50 each.

J. *excelsa var. stricta*. Ds. Of compact, conical habit, with steel-blue, pointed leaves which stand erect. One of the best Junipers where a formal effect is desired. *Price:* 12 to 15 in. \$2.00 each, \$18.00 for ten; 15 to 18 in. \$2.50 each, \$22.00 for ten; 18 to 24 in. \$3.00 each; 24 to 30 in. \$4.50 each.

J. *Japonica aurea* (*Golden Japan Juniper*). VDm. A splendid dwarf golden form. Always bright, and a feature in any planting. *Price each:* 4 to 5 ft. \$10.00; 5 to 6 ft. \$15.00.

J. *Sabina* (*Savin Juniper*). VDs. Prostrate, spreading branches, with sombre green foliage. Hardy and well adapted to hillsides, etc. *Price:* 15 to 18 in. \$3.00 each, \$27.00 for ten; 18 to 24 in. \$4.00 each, \$36.00 for ten.

J. *Sab. var. tamarixifolia* (*Tamarisk-leaved Savin*). VDs. An elegant form, with broad, feathery branches and thick, glaucous, and deep green foliage. Makes fine, broad specimens. *Price each:* 15 to 18 in. \$4.00; 18 to 24 in. \$4.50.

J. *Sab. var. Waukegan*. VDs. Prostrate form. Foliage bluish gray in Summer turning to beautiful purple in Winter. *Price each:* 15 to 18 in. \$2.50; 18 to 24 in. \$3.00.

J. *Sab. Virginialis Globosa*. VDs. (*Japanese Globe Juniper*). *Price each:* 15 to 18 in. \$4.00; 18 to 24 in. \$5.00.



Juniperus Chinensis Pfitzeriana

J. Virginiana (Red Cedar). **Mm.** Tapering form, bright, rich green foliage. Useful for ornamental planting. *Price each: 3 to 4 ft. \$3.00; 4 to 5 ft. \$4.00; 5 to 6 ft. \$6.00; 6 to 7 ft. \$10.00; 7 to 8 ft. \$12.00.*

J. Virg. var. glauca (Silver Red Cedar). **Mm.** The foliage distinctly silver-gray. Quite prominent among other evergreens. *Price each: 30 to 36 in. \$5.00.*

PICEA — SPRUCE

P. alba (White Spruce). **Lm.** A tree native to America. Makes a large tree when allowed to develop but may be confined by shearing. Light, silvery green foliage and dense, pyramidal growth. Hardy in all locations. *Price: 12 to 15 in. 75¢ each, \$6.50 for ten, \$50.00 for 100; 15 to 18 in. \$1.00 each, \$9.00 for ten, \$75.00 for 100; 18 to 24 in. \$1.50 each, \$14.00 for ten, \$100.00 for 100; 24 to 30 in. \$2.00 each, \$18.00 for ten; 4 to 5 ft. \$4.00 each, \$36.00 for ten; 5 to 6 ft. \$5.00 each, \$45.00 for ten; 6 to 7 ft. \$6.00 each, \$55.00 for ten; 7 to 8 ft. \$8.00 each.*



Picea excelsa — Norway Spruce

P. excelsa (Norway Spruce). **Lr.** The most generally used of evergreen trees. Useful for screens and windbreaks on account of its rapid growth. It makes a tall tree and, as an individual tree with room to develop is of pyramidal, symmetrical growth, its lower branches sweeping the ground. *Price: 3 to 4 ft. \$2.50 each, \$22.00 for ten; 4 to 5 ft. \$3.50 each, \$32.00 for ten; 5 to 6 ft. \$5.00 each, \$45.00 for ten; 6 to 7 ft. \$6.00 each, \$56.00 for ten, \$450.00 for 100; 7 to 8 ft. \$8.00 each, \$75.00 for ten; 8 to 9 ft. \$10.00 each.*

P. ex. var. *Gregoryana*. **VDs.** This forms a cushion-like growth of dense foliage. Always dwarf, peculiar and ornamental, especially on small grounds. *Price each: 3 ft. spread, \$15.00; 3½ ft. spread, \$20.00.*

P. ex. var. *inversa (Inverted Spruce)*. **Mm.** A Norway Spruce of persistently drooping habit, forming a columnar tree of striking appearance. *Price each: 3 to 4 ft. \$4.00; 4 to 5 ft. \$5.00; 5 to 6 ft. \$6.00.*

P. ex. var. *Maxwellii (Maxwell's Spruce)*. **VDs.** A low, dense, slow-growing form with short, stiff needles, the young branchlets showing a bluish cast. *Price each: 2 to 2½ ft. spread, \$15.00.*

P. pungens (Colorado Spruce). **Lr.** Stiff, pungent foliage and clusters of cones. No evergreen tree can excel it, as it has the advantage of growing vigorously where many evergreens fail; withstands the coldest seasons. *Price: 18 to 24 in. \$3.00 each, \$27.00 for ten; 2 to 3 ft. \$4.00 each, \$36.00 for ten; 3 to 4 ft. \$5.00 each, \$45.00 for ten; 4 to 5 ft. \$7.00 each; 5 to 6 ft. \$9.00 each.*

P. pun. var. *glauca (Colorado Blue Spruce)*. Habit of growth similar to that of preceding. Foliage of a rich blue or sage-colour. Extremely hardy. *Price each: 2 to 3 ft. \$5.00; 3 to 4 ft. \$8.00; 4 to 5 ft. \$12.00; 5 to 6 ft. \$15.00.*

P. pun. var. *Kosteriana (Koster's Blue Spruce)*. This variety is identical with the type. Foliage silvery blue. The bluest strain that can be selected. Grafted from the famous Koster variety. *Price each: 3 to 3½ ft. \$15.00; 6 to 7 ft. \$22.50; 7 to 8 ft. \$24.00; 8 to 9 ft. \$28.00; Larger Specimens, \$35.00 to \$50.00.*



Pinus Mughus — Dwarf Mugho Pine

PINUS — PINE

P. *Austriaca (Austrian Pine)*. **Lr.** A robust-growing variety, with long, dark green stiff needles. Does well on all soils, and is one of the best evergreens for seashore planting. *Price each: 5 to 6 ft. \$7.00; 6 to 7 ft. \$9.00.*

P. *cembra (Swiss Stone Pine)*. **Ss.** Of thick, regular growth, foliage resembling the White Pine, and quite silvery. *Price each: 2 to 3 ft. \$4.00; 3 to 4 ft. \$5.00.*

P. *montana (Mountain Pine)*. **Mm.** A native of the Alps, of medium growth, with ascending branches and bright green foliage. *Price each: 18 to 24 in. \$2.50; 24 to 30 in. \$3.50.*

P. *mughus (Dwarf Mugho Pine)*. **Ds.** Of the highest value where a low, dense, spreading growth is desired. Very dark foliage and extremely hardy. *Price each: 12 to 15 in. \$2.00; 15 to 18 in. \$3.00; 18 to 24 in. \$4.00; 24 to 30 in. \$5.00; Larger Specimens, 4 to 5 ft. \$10.00 to \$15.00.*

P. resinosa (*Red or Norway Pine*). **Lr.** One of our best native evergreens; hardy and ornamental. Bark of young branches reddish-orange; long needles, dark green, glossy. Useful for screens or shelters, and for timber. *Price:* 4 to 5 ft. \$3.50 each, \$32.00 for ten; 5 to 6 ft. \$4.00 each, \$36.00 for ten; 6 to 7 ft. \$5.00 each, \$45.00 for ten.

P. strobus (*White Pine*). **Lr.** The most valuable of all native evergreens for timber purposes. A well-grown individual tree, light, silvery foliage; is always highly ornamental. In age this Pine is most impressive. Useful for hedges, as it can be clipped like a shrub, also most valuable as a wind-break. *Price:* 2 to 3 ft. \$1.50 each, \$14.00 for ten; 3 to 4 ft. \$2.50 each, \$22.00 for ten; 4 to 5 ft. \$3.50 each, \$32.00 for ten; 5 to 6 ft. \$4.00 each, \$36.00 for ten; 6 to 7 ft. \$5.00 each, \$45.00 for ten; 7 to 8 ft. \$6.00 each, \$56.00 for ten. *Specimens*, 9 to 12 ft. \$10.00 to \$12.00 each.

P. sylvestris (*Scotch Pine*). **Lr.** Foliage much more silvery than the Austrian. It is more desirable for mass and shelter planting than as an isolated specimen. *Price each:* 3 to 4 ft. \$2.50; 4 to 5 ft. \$3.50.

PSEUDOTSUGA

P. Douglassii (*Douglas' Spruce*). **Lr.** A fine, long-lived tree from the Rocky Mountains, where it grows in great quantity. The foliage is soft and brilliant green in colour, with bluish tint when young. It is of the most vigorous and symmetrical growth. *Price:* 2 to 3 ft. \$3.00 each, \$27.00 for ten; 3 to 4 ft. \$4.00 each, \$36.00 for ten; 4 to 5 ft. \$5.00 each, \$45.00 for ten.

RETINOSPORA — CYPRESS

R. filifera (*Tbread-branched Japan Cypress*). **Ss.** Slender, string-like, bright green foliage, drooping in long filaments. Graceful and pyramidal habit. *Price each:* 2 to 3 ft. \$4.00; 3 to 4 ft. \$6.00.

R. fil. var. aurea (*Golden Tbread-branched Cypress*). **Ss.** A lovely bright golden form of the preceding. *Price each:* 18 in. spread, \$5.00; 24 in. spread, \$6.00.

R. obtusa compacta. **VDS.** One of the best and hardiest. Intensely dark, shell-like leaves; very unusual. A most elegant evergreen shrub. *Price each:* 15 to 18 in. \$3.00.

R. pisifera. **Lm.** A fine, pyramidal form, very popular, distinct and graceful. *Price each:* 2½ to 3 ft. \$3.00; 3 to 3½ ft. \$4.00.

R. plumosa (*Plumed Japan Cypress*). **Lr.** One of the hardiest and best. Delicate glaucous foliage. *Price each:* 18 to 24 in. \$2.50; 24 to 30 in. \$3.50.

R. plumosa aurea. **Lm.** A striking, fine form of the above, and very hardy. Brilliantly golden throughout the season. One of the most desirable. *Price each:* 18 to 24 in. \$2.50; 24 to 30 in. \$3.50; 30 to 36 in. \$4.50; 3 to 4 ft. \$5.00.

R. squarrosa. **Mm.** An exquisite Japan form, with steel-coloured foliage, which is very fine and feathery. It displays many shades of colour during the season. Not reliably hardy in New England. *Price each:* 12 to 15 in. \$2.50; 15 to 18 in. \$3.00; 18 to 24 in. \$4.00.

TAXUS — YEW

T. baccata (*European Yew*). **Ss.** Slow-growing, with short stems and very bushy head, densely branched, thickly covered with drooping, sombre green leaves. *Price:* 12 to 15 in. spread, \$2.50 each, \$22.00 for ten; 15 to 18 in. spread, \$3.00 each, \$27.00 for ten.

T. Canadensis (*American Yew*). **Dv.** A low, weeping, broad, spreading bush, dark green foliage and crimson berries. Entirely hardy, and very valuable for surfacing beds or forming groups. *Price:* 12 to 15 in. spread, \$2.00 each, \$18.00 for ten; 15 to 18 in. spread, \$2.50 each, \$22.00 for ten; 18 to 24 in. spread, \$3.00 each, \$27.00 for ten.

T. cuspidata (*Spreading Japanese Yew*). **Sm.** Upright growth and dense, very dark foliage. Valuable because it is especially hardy and rich in appearance. *Price each:* 15 to 18 in. \$3.00; 18 to 24 in. \$4.50.

T. cusp. var. brevifolia (*Japanese Yew*). **Ds.** A very handsome form of the above and harder. We consider it the best variety to plant in New England. *Price each:* 10 to 12 in. spread, \$3.00; 12 to 15 in. spread, \$3.50; 15 to 18 in. spread, \$4.00; 18 to 24 in. spread, \$6.00.

T. cusp. var. capitata (*Upright Japanese Yew*). **Ms.** Upright form of the preceding. *Price each:* 2 to 2½ ft. \$5.00; 2½ to 3 ft. \$8.00.

THUJA — ARBORVITÆ

T. occidentalis (*American Arborvitæ*). **Mr.** Of conical form and rapid growth. Used largely for hedges. *Price:* 2 ft. \$1.50 each, \$14.00 for ten; 3 ft. \$2.00 each, \$18.00 for ten; 4 ft.



Taxus cuspidata — Spreading Japanese Yew

\$3.00 each, \$27.00 for ten; 5 ft. \$5.00 each; 6 ft. \$7.00 each; 7 ft. \$9.00 each; 8 ft. \$10.00 each; *Very broad specimens*, 4 to 6 ft. \$10.00 to \$15.00 each.

T. var. George Peabody. **Mr.** A dwarf, dense-growing golden variety, holding its colour all Summer. One of the best for general culture. *Price:* \$3.00 each, \$27.00 for ten.

T. var. globosa (*Globe Arborvitæ*). **VDs.** Growing in low, thick, globe form with attractive foliage. Very distinct. *Price:* 12 to 15 in. diameter, \$1.50 each, \$14.00 for ten; 15 to 18 in. diam. \$2.50 each; 18 to 24 in. diam. \$3.00 each.

T. var. Hoveyi (*Hovey's Arborvitæ*). **Ds.** A slow-growing form, with golden green foliage. *Price:* 12 to 15 in. \$1.50 each, \$14.00 for ten; 15 to 18 in. \$2.00 each, \$18.00 for ten; 18 to 24 in. \$2.50 each.

T. var. pyramidalis (*Pyramidal Arborvitæ*). **Mr.** Its form is very much like the Irish Juniper. The foliage is light green and compact. *Price:* 2 to 2½ ft. \$2.00 each, \$18.00 for ten; 3 ft. \$3.00 each, \$27.00 for ten; 3½ ft. \$4.00 each, \$36.00 for ten; 4 ft. \$5.00 each, \$45.00 for ten; 4½ ft. \$6.00 each, \$56.00 for ten; 5 ft. \$7.00 each; 6 ft. \$7.50 each.

T. var. Sibirica syn. Wareana (*Siberian Arborvitæ*). **Mr.** W. especially recommend this variety. Its low-growing, dense form and its beautiful bluish-green foliage give it distinct character. It is one of the hardiest and does not die out in hedges like the American. *Price:* 15 to 18 in. \$2.00 each, \$18.00 for ten; 18 to 24 in. \$3.00 each; 2 to 2½ ft. \$3.50 each.

T. var. Vervaeana. **Sm.** A fine, hardy variety in which the green is singularly intermixed with a predominating shade of golden yellow. *Price each:* 2 to 3 ft. \$3.00; 3 to 4 ft. \$4.00; 4 to 5 ft. \$5.50.

T. orientalis (*syn. Biota orientalis*). **A** Chinese Arborvitæ, conical in shape, bright green. Its foliage is narrow, on radial fan-shaped branches which is its notable characteristic. *Price each:* 3 to 4 ft. \$4.00; 4 to 5 ft. \$5.00; 5 to 6 ft. \$7.00.

TSUGA — HEMLOCK

T. Canadensis (*Hemlock Spruce*). **Lr.** A graceful tree, with loose, open growth, and Yew-like foliage. It can be kept in dense form if pruned. Prefers moist soil. Much used for hedges and shelters. *Price:* 24 to 30 in. \$2.50 each, \$22.00 for ten; 30 to 36 in. \$3.00 each, \$27.00 for ten; 3 to 3½ ft. \$3.50 each, \$32.00 for ten; 3½ to 4 ft. \$5.00 each, \$45.00 for ten; 4 to 5 ft. \$7.00 each; 5 to 6 ft. \$9.00 each; 6 to 7 ft. \$11.00 each; 7 to 8 ft. \$14.00 each.

T. var. Sieboldii (*Japanese Hemlock*). **Lr.** A very handsome graceful tree with glossy, dark-green foliage striped white underneath, and larger than the common Hemlock. *Price each:* 2 to 2½ ft. \$4.00; 2½ to 3 ft. \$5.50; 3 to 4 ft. \$6.50; 4 to 5 ft. \$7.50.

The Planting of Evergreens

August and September are the ideal months in which to plant Evergreens. If Spring planting is made difficult by the rush of other things, study your planting problem at leisure during early Summer, and make your planting of Evergreens in August. A well conceived Evergreen planting insures a charming all-year-around setting for your house.



EVERGREEN SHRUBS

AZALEA

A. amœna (*Lovely Azalea*). S. From China. A dwarf, bushy shrub, foliage turning to a bronze-brown in Winter. Covered entirely in May with enveloping masses of rich, purplish-red, double flowers. Requires protection here. Price each: 12 to 15 in. spread, \$2.25; 15 to 18 in. spread, \$2.75.

A. Hinodegiri. From Japan. Foliage similar to *A. amœna*, but flowers are bright red. Price each: 12 to 15 in. \$2.50.

BERBERIS — BARBERRY

B. aquifolia, or Mahonia aquifolia (Ashberry). D. May. Its large, spiny leaves, which turn scarlet in Autumn, are much like those of the famous English Holly, and its bright yellow flowers in May are effective. Good in shady spots. Price: 12 to 15 in. 75¢ each, \$6.50 for ten.

CALLUNA — HEATHER

C. vulgaris (*Scotch Heather*). A low-growing evergreen with pale pink flowers. Price: 4 to 6 in. 50¢ each, \$4.00 for ten; 6 to 8 in. 60¢ each, \$5.00 for ten.

DAPHNE — GARLAND FLOWER

D. Cneorum. An evergreen, hardy plant, with closely set, glossy, narrow leaves. It begins to bloom in May, and its round clusters of bright pink, highly fragrant blossoms, much resembling the beautiful Mayflower of our woods, are borne in great profusion. Price: 6 to 8 in. 75¢ each, \$6.50 for ten; 8 to 10 in. \$1.00 each, \$9.00 for ten.

EUONYMUS

E. radicans (*Creeping Euonymus*). VD. A glossy, dark leaved vine; or it will form a spreading shrub where it cannot climb. Valuable for covering walls to which it clings. Price: 2 year plants, 35¢ each, \$3.00 for ten; \$25.00 for 100; 3 year plants, 50¢ each, \$4.00 for ten, \$30.00 for 100.

E. var. minima (*Kewensis*). Small dark-leaved form, suitable for rock-garden or ground cover. Price in 3 inch pots: 50¢ each, \$4.00 for ten, \$35.00 for 100.

E. var. vegeta. A variety that is much sought after by all who have seen it. In habit, it is more spreading than the type and of more rapid growth. Leaves broad, nearly round, and of a rich glossy green. Price: 2 year plants, 35¢ each, \$3.00 for ten, \$25.00 for 100; 3 year plants, 50¢ each, \$4.00 for ten, \$30.00 for 100.

KALMIA — LAUREL

K. latifolia (*Mountain Laurel*). June. A native evergreen shrub hardy in New England. It prefers deep, leaf-mould soil, but grows wherever it will not dry out in Summer. The beautiful pink and white flowers are of unique shape and aspect, borne in large clusters over broad, glossy foliage. Not a difficult shrub to grow. Price: 15 to 18 in. \$1.75 each, \$15.00 for ten; 18 to 24 in. \$2.50 each, \$22.00 for ten, \$150.00 for 100; 24 to 30 in. \$3.00 each, \$27.00 for ten, \$200.00 for 100; 30 to 36 in. \$4.00 each, \$36.00 for ten. Carload lots of native-grown clumps can be supplied, prices on application.

LEUCOTHOË

L. Catesbæi (*Andromeda Catesbæi*). S. May. Foliage thick, heavy and pointed. A shining green in Summer, the branches arching gracefully. The showy spikes of white flowers open early. Can be used in shaded spots. Price: 15 to 18 in. \$1.50 each, \$14.00 for ten; 18 to 24 in. \$2.00 each, \$18.00 for ten.

PACHYSANDRA

P. terminalis (*Japanese Spurge*). A low dense evergreen plant with glossy foliage, forming large mats, well adapted for covering the ground, especially in moist or shaded situations. Flowers white, disposed in small terminal spikes in mid-Spring. Price in 3 inch pots: 30¢ each, \$2.50 for ten, \$18.00 for 100.

PERIS

P. floribunda (*Lily of the Valley Shrub*). Flowers in large white panicles over a dense, dark mass of evergreen foliage. Buds are formed in the Autumn. Price: 12 to 15 in. \$2.50 each, \$22.00 for ten; 15 to 18 in. \$4.00 each, \$36.00 for ten.

NATIVE RHODODENDRONS

We strongly recommend the use of our native Rhododendrons. They are hardy, free flowering, and will survive our vigorous New England winters with much less loss than hybrid sorts heretofore so largely imported. We can fill orders for any quantity of any size in bushy, well furnished plants. Favourable quotations can be made on carload lots delivered to any point in New England.

Rhododendron Carolinianum. A native of the high altitudes of the Southern Appalachian region, and one of the finest of all broad-leaved evergreens. Of compact habit, growing from three to five feet tall, and about the same in diameter; foliage glossy, dark green, flowers pale rose to deep pink. Price in bushy clumps: 18 to 24 in. \$2.50 each, \$22.00 for ten; 2 to 2½ ft. \$4.00 each, \$36.00 for ten; 2½ to 3 ft. \$5.00 each, \$45.00 for ten.

Rhododendron Catawbiense. This is also a native of the Allegheny Mountains, and is extremely hardy in New England. The plant forms a compact well-shaped clump, growing from four to six feet in height. The rich green foliage and large trusses of pink to bright red flowers make it one of the most desirable broad-leaved evergreens. Price, bushy specimens: 18 to 24 in. \$2.50 each, \$22.00 for ten; 2 to 2½ ft. \$3.50 each, \$32.00 for ten; 2½ to 3 ft. \$4.00 each, \$36.00 for ten; 3 to 4 ft. \$5.00 each, \$45.00 for ten; 4 to 5 ft. \$7.50 each, \$65.00 for ten. Larger specimens, \$10.00 to \$25.00 each.

Rhododendron Maximum. This is the largest-growing of our native sorts, and is used extensively for massing. The flowers are rosy-white to pure white, and appear later. Price in clumps: 18 to 24 in. \$2.50 each, \$22.00 for ten; 2 to 2½ ft. \$3.00 each, \$27.00 for ten; 2½ to 3 ft. \$4.00 each, \$36.00 for ten; 3 to 4 ft. \$5.00 each, \$45.00 for ten; 4 to 5 ft. \$7.00 each, \$65.00 for ten; 5 to 6 ft. \$9.00 each, \$80.00 for ten. Larger specimens, \$10.00 to \$25.00 each.

HYBRID RHODODENDRONS: Price each: 18 to 24 in. \$4.50; 24 to 30 in. \$6.00; 30 to 36 in. \$9.00; 36 to 42 in. \$12.00.



HEDGES and SCREENS

Shrubs or low-growing trees may often be made to take the place of a wood or metal fence to mark a boundary or to discourage trespassing, and usually at less expense.

A wide range of choice in hedging materials is possible, and selections should be made with a view to the ultimate height and density desired. For low hedges, which are to be closely sheared, Barberry and Privet are the usual choice, spacing the plants one foot apart. For taller hedges and screens, Willows, Lilacs, and Evergreens of various sorts are frequently used, spacing them three to four feet apart. Many of the Flowering Shrubs also form most attractive hedges and borders. For a screen of extreme height and rapid growth, Lombardy Poplars are of course to be recommended.

Not less than 25 of one variety at the 100-rate

<i>Berberis Thunbergii</i> (<i>Japanese Barberry</i>)	Per 100	<i>Spiraea van Houttei</i> (<i>White Spiraea</i>)	Per 100
12 to 15 in.....	18.00	2 to 3 ft.....	30.00
15 to 18 in.....	24.00	3 to 4 ft.....	35.00
18 to 24 in.....	35.00		
24 to 30 in.....	45.00		
<i>Ligustrum Amurense</i> (<i>Amur River Privet</i>). A very hardy variety, similar in appearance to the well-known California Privet.		<i>Syringa vulgaris</i> (<i>Common Lilac</i>).	
18 to 24 in.....	20.00	2 to 3 ft.....	50.00
2 to 3 ft.....	25.00	3 to 4 ft.....	60.00
3 to 4 ft.....	30.00		
<i>L. Ibotia</i> (<i>Japanese Privet</i>). An especially hardy, spreading sort. Its black berries remain through the Winter.			
18 to 24 in.....	20.00	EVERGREENS FOR HEDGES	
2 to 3 ft.....	25.00	<i>Stock suitable for hedges, but not quite so heavy as would be sold for planting as specimens.</i>	
3 to 4 ft.....	30.00		
<i>L. ovalifolium</i> (<i>California Privet</i>).		<i>Picea alba</i> (<i>White Spruce</i>).	
18 to 24 in.....	10.00	18 to 24 in.....	100.00
2 to 3 ft.....	12.00	2 to 3 ft.....	150.00
3 to 4 ft.....	15.00		
<i>Salix pentandra</i> (<i>Laurel-leaved Willow</i>). A rapid growing shrub excellent for coarse hedging or screening.		<i>Thuja occidentalis</i> (<i>American Arborvitæ</i>).	
3 to 4 ft.....	30.00	2 to 3 ft.....	150.00
4 to 5 ft.....	40.00	3 to 4 ft.....	250.00
		<i>Tsuga Canadensis</i> (<i>Hemlock</i>).	
		2 to 2½ ft.....	200.00
		2½ to 3 ft.....	250.00

Plant HEMLOCK for HEDGES and WIND-BREAKS

The value of our native Hemlock for Hedges, Screens, and Wind-Breaks is too often overlooked. It is a clean, hardy evergreen of quick growth, and will stand almost any amount of pruning. Young plants set one foot apart and kept trimmed will form a compact evergreen hedge. Just the thing for enclosing the clothes-yard, or for a division line between suburban estates. It makes a splendid back-ground for the perennial border. As a wind-break or screen it has no equal.

SPECIAL PRICES: for ten 24 to 30 in. \$22.00; 30 to 36 in. \$27.00; 3 to 3½ ft. \$32.00.

DECIDUOUS TREES

Our Shade and Lawn Trees are well grown, transplanted specimens, dug with strong fibrous roots. We can usually supply larger sizes than these here listed. For Fruit Trees see page 140. In this list will be found some of our best-known native trees, as well as some that are less familiar but equally valuable.

Ultimate height at maturity under average conditions is denoted by letters, thus: **A**, Fifty feet or more, **B**, Twenty to forty feet, **C**, Ten to twenty feet, **D**, Six to ten feet.

Sizes of young trees which we can supply are shown by figures following the descriptions.
For the sake of exactness we list trees, shrubs, and plants under their botanical names.



Acer platanoides — Norway Maple

ACER — MAPLE

These are without doubt the most popular shade and street trees. They grow rapidly to a height of forty feet or more; they are very hardy, and are comparatively free from insect pests.

A. dasycarpum (*White* or *Silver-leaved Maple*). **A.** The most rapid growing of the Maples with deeply-cut leaves, silvery beneath. *Price*: 8 to 10 ft. \$1.50 each, \$14.00 for ten; 10 to 12 ft. \$2.00 each, \$18.00 for ten; 12 to 14 ft. \$2.50 each, \$22.00 for ten; 14 to 16 ft. \$3.00 each, \$27.00 for ten; 14 to 16 ft., \$4.00 each, \$36.00 for ten.

A. var. Wieri laeiniatum (*Wieri's Cut-leaved Silver Maple*). **A.** Its foliage is deeply cut and is borne upon long recurving, pendulous branches. *Price*: 6 to 8 ft. \$1.50 each, \$14.00 for ten; 8 to 10 ft. \$2.50 each, \$22.00 for ten; 10 to 12 ft. \$3.00 each, \$27.00 for ten.

A. Negundo (*Ash-leaved Maple* or *Box Elder*). **A.** Growth rapid, regular and spreading; does well on dry soil. *Price*: 8 to 10 ft. \$2.00 each, \$18.00 for ten; 10 to 12 ft. \$3.00 each; \$27.00 for ten.

A. platanoides (*Norway Maple*). **A.** Native of Europe. A large spreading tree, with a more round, compact form than the Sugar Maple. It is a very hardy, vigorous tree, the best of all Maples for seashore planting, and one of the best for street purposes. Attractive yellow flowers in Spring. *Price*: 8 to 10 ft. \$2.00 each, \$18.00 for ten, \$150.00 for 100; 10 to 12 ft. \$2.75 each, \$25.00 for ten; \$220.00 for 100; 12 to 14 ft. 1½ to 1¾ in. \$3.25 each, \$30.00 for ten, \$270.00 for 100; 12 to 14 ft., 1¾ to 2 in. \$3.50 each, \$32.00 for ten; 14 to 16 ft. \$5.00 each; \$45.00 for ten; 16 to 18 ft. \$7.00 each, \$65.00 for ten.

A. var. Schwedleri (*Schwedler's Norway Maple*). **B.** The early foliage of this variety is a bright crimson, fading to purplish green. *Price* each: 6 to 8 ft. \$2.50; 8 to 10 ft. \$3.50.

A. saccharum (*Sugar* or *Rock Maple*). **A.** Probably the most generally used of all shade trees. Upright, straight, symmetrical, well adapted to street planting. Its brilliant Autumn tints are familiar to all. *Price*: 8 to 10 ft. \$2.00 each, \$18.00 for ten; 10 to 12 ft. \$2.50 each, \$22.00 for ten, \$200.00 for 100; 12 to 14 ft. \$3.00 each; \$27.00 for ten.

AESCHLUS — HORSE-CHESTNUT
Probably the best known of our flowering trees. While young trees are apt to be unsightly, older specimens are usually very symmetrical, and when covered with bloom are of most striking appearance.

A. hippocastanum (*European* or *White-flowering Horse-Chestnut*). **A.** Most common variety, of large growth in deep soil, flowering in May. *Price*: 6 to 8 ft. \$2.25 each, \$20.00 for ten; 8 to 10 ft. \$3.00 each, \$27.00 for ten.

A. var. flore pleno (*Double White-flowering Horse-Chestnut*). **A.** Double white and pink flowers, larger than the type. *Price*: 8 to 10 ft. \$3.50 each, \$32.00 for ten; 10 to 12 ft. \$5.00 each.

A. var. rubicunda (*Red-flowering Horse-Chestnut*). **B.** The flowers are deep red, showing well against very dark foliage. *Price* each: 12 to 14 ft. \$5.00.

AILANTHUS — TREE OF HEAVEN

A. glandulosa. **A.** From Japan. A rapid-growing tree, with feathery, tropical foliage. Does well on poor soil, and thrives in cities, where it is often used. *Price*: 5 to 6 ft. \$1.50 each, \$14.00 for ten; 6 to 8 ft. \$2.00 each.

ARALIA — ANGELICA TREE

A. spinosa (*Hercules' Club*). **B.** Vigorous in growth, making a large clump from suckers freely produced. In August it bears large clusters of white flowers. It is used for tropical effects in conjunction with other shrubs and low trees. *Price*: 3 to 4 ft. 75¢ each, \$6.50 for ten; 4 to 5 ft. \$1.00 each, \$9.00 for ten.



Betula pendula laciniata — Cut-leaved Weeping Birch

BETULA — BIRCH

One of the most graceful members of the great family of trees. All are attractive, whether the upright or weeping forms. They thrive on poor soil and in exposed situations.

B. alba (*White Birch*, *European*). **A.** Symmetrical, of rapid growth, reaching a height of thirty feet. Spray-like branches, bark pure white after three or four years' growth. *Price* each: 6 to 8 ft. \$1.50; 8 to 10 ft. \$1.75.

B. var. pendula laciniata (*Cut-leaved Weeping Birch*). **B.** Very much in favour as an ornamental tree for the lawn. Tall, slender and graceful, its branches droop in long streamers; bark silvery white. Spring planting is best. *Price each: 6 to 8 ft. \$3.00; 8 to 10 ft. \$3.50.*

B. papyrifera (*Canoe or Paper Birch*). **B.** Of strong, upright growth. Foliage broad, the bark assuming a silvery-white tint when very young. One of the best for ornamental or shade purposes. *Price each: 6 to 8 ft. \$1.50.*

CARPINUS — HORNBEAM

C. Caroliniana (syn. *Americana*). **B.** Slow-growing, round-headed, similar in nature to the Beech. Foliage turns orange or scarlet in Autumn, remaining on tree all Winter. Will grow in poor soil. *Price: 4 to 5 ft. \$1.00 each, \$9.00 for ten.*

CASTANEA — CHESTNUT

C. Americana. **A.** Nuts sweet, of delicate flavour. The old familiar tree. *Price: \$1.00 each, \$9.00 for ten.*



Catalpa Speciosa — Indian Bean
CATALPA

C. Bungei (*Umbrella Tree*). **D.** A dense, spherical head of large heart-shaped leaves grafted on a stem five to six feet in height, useful as a formal ornament for lawn or avenue. Hardy in Boston and southward. *Price: 2 year heads, \$2.50 each, \$22.00 for ten; 3 year heads, \$3.00 each, \$27.00 for ten.*

C. speciosa (*Indian Bean*). **A.** A variety common in the West. Bears large orchid-shaped white flowers in July, followed by long bean-pods. *Price: 8 to 10 ft. \$1.50 each, \$14.00 for ten; 10 to 12 ft. \$2.00 each, \$18.00 for ten; 12 to 14 ft. \$2.50 each, \$22.00 for ten.*

CERASUS — CHERRY

C. Amanogawa (*Pink Japanese Cherry*). **D.** A new introduction, pyramidal in form. *Price each: \$5.00.*

CERCIDIPHYLLUM — KADSURA TREE

C. Japonicum. **B.** A tree of compact pyramidal outline. The heart-shaped leaves are rosy purple in Spring, silvery beneath. Prefers damp soil. *Price each: \$6 to 8 ft. \$2.00.*

CERCIS — JUDAS TREE or RED BUD

C. Canadensis. **C.** Before the foliage appears, the stems are clothed with a profusion of reddish-purple flowers, quite unique in colour and appearance. The leaves are heart-shaped with a glossy surface. *Price each: 3 to 4 ft. \$1.00.*

CHIONANTHUS — WHITE FRINGE

C. Virginica. **D.** One of the most ornamental of shrubs, producing racemes of fringe-like white flowers in June. The leaves are moderately large, dark green, and are quite ornamental. Will thrive in low, marshy ground as well as in higher situations. *Price: 3 to 4 ft. \$2.00 each, \$18.00 for ten.*

Spraying for Leaf Eating Insects

The annual ravages of brown-tail, gypsy moth, and tent caterpillars may be controlled by the use of Corona Dry Arsenate of Lead. For both trees and shrubs coming into full leaf, one half pound of Dry Arsenate to ten gallons of water, or two to three level teaspoonsfuls to the gallon will be effective and will not burn the foliage.



Cornus Florida — White Dogwood

CORNUS — FLOWERING DOGWOOD

C. florida. (*White Flowering Dogwood*). **B.** American variety of irregular habit with spreading open top, growing about 25 feet high. The flowers are white, produced in May, followed by scarlet berries and gorgeous Autumnal colouring of the leaves. It associates well with other low trees. Does best in a warm, sheltered location in New England. *Price: 3 to 4 ft. \$1.00 each, \$9.00 for ten; 4 to 5 ft. \$1.50 each, \$14.00 for ten.*

C. var. rubra (*Red Flowering Dogwood*). **C.** The flowers are like *C. florida*, except that they are a deep rose-colour, freely produced. A fit companion to the white form. *Price each: 3 to 4 ft. \$3.00; 4 to 5 ft. \$5.00.*

CRATAEGUS — FLOWERING HAWTHORN

Among the flowering trees hardy in this climate, the Hawthorns take a prominent part. They bloom in May and June, and bear scarlet or coral-red berries which remain late into the Winter. The Common Hawthorn (*C. oxyacantha*) is much used for hedges.

C. cordata (*Washington Thorn*). **B.** Clusters of small white flowers, followed by bright red fruit. *Price: 4 to 5 ft. \$1.00 each, \$9.00 for ten.*

C. Crus-galli (*Cockspur Thorn*). **C.** Long thorns, glossy foliage, and bright fruit in Autumn. Makes a fine hedge and screen plant. *Price: 3 to 4 ft. 75¢ each, \$6.00 for ten; 4 to 5 ft. \$1.00 each, \$9.00 for ten; 5 to 6 ft. \$1.50 each, \$14.00 for ten.*

C. oxyacantha (*Common Hawthorn*). **C.** The English Hedge Thorn and excellent for the purpose in this country. Pure white flowers. *Price: 3 to 4 ft. 75¢ each, \$6.00 for ten; 4 to 5 ft. \$1.00 each, \$9.00 for ten.*

C. var. alba plena (*White-flowering Double Thorn*). **C.** A fine contrast to the Double Scarlet or Paul's Thorn. *Price each: 3 to 4 ft. \$2.00.*

C. var. coecinea fl. pl. Paulii (*Paul's Double Scarlet Thorn*). **C.** The best of the double varieties. The flowers are of brilliant carmine. Generally used as small tree. *Price each: 3 to 4 ft. \$2.00.*

FAGUS — BEECH

Beeches form a most valuable class of trees, long lived, symmetrical, hardy, and free from insects. They are suitable for planting as individuals or in groups. In Autumn the foliage of the American form turns a clear yellow, while that of the European takes on a reddish-brown shade. Beeches should be planted in early Spring.

F. sylvatica (*European Beech*). **A.** Of slower growth than the American, with darker bark and more compact habit. *Price: 4 to 5 ft. \$2.00 each, \$18.00 for ten; 5 to 6 ft. \$2.50 each, \$22.00 for ten.*

F. var. purpurea (*Copper Beech*). **A.** A noble tree with purple foliage. *Price each: 3 to 4 ft. \$1.50; 4 to 5 ft. \$2.00.*

F. var. purpurea (*Rivers' Purple Beech*). **A.** The leaves, in good specimens, are almost black, and hold their colour throughout the season. A difficult tree to transplant; it should be moved when small, and closely pruned. *Price each: 4 ft. \$5.00; 5 to 6 ft. \$6.00.*

FRAXINUS — ASH

The Ash is of rapid growth, and a clean, healthy, vigorous tree. Moths will not feed upon its leaves.

F. Americana (*American White Ash*). A. A well-known native tree. Good in parks, grounds, or streets. Price each: 8 to 10 ft. \$1.50.

GINKGO — MAIDEN-HAIR TREE

G. biloba. B. A small tree from Japan, grows into columnar form to about 40 feet. The foliage is formed like the Adiantum Fern, thick and glossy. Very desirable on small grounds. Price: 6 to 8 ft. \$2.00 each, \$18.00 for ten.

GLEDITSCHIA — HONEY LOCUST

G. triacanthos (*Honey Locust*). B. A fast growing native, with strong thorns and fine foliage. It is quite hardy and ought to be planted more generally. Price: 3 to 4 ft. 50¢ each, \$4.00 for ten, \$36.00 for 100.

JUGLANS — WALNUT

J. cinerea (*Butternut*). A. Formerly a well-known tree, esteemed for its nuts of delicate flavour. Price each: 5 to 6 ft. \$1.50.

J. nigra (*Black Walnut*). A. An old favourite bearing nuts with thick, very rich kernels. Price each: 5 to 6 ft. \$1.50.

LABURNUM — GOLDEN CHAIN

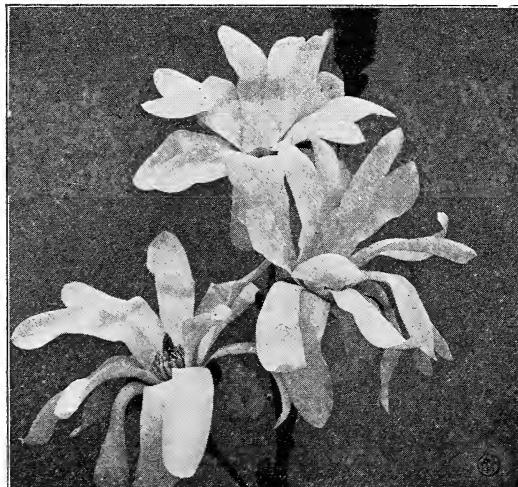
L. vulgare (*Cytisus Laburnum*). A. Native of Europe, with smooth and shining foliage. The name "Golden Chain" alludes to the length of the drooping racemes of yellow flowers, which appear in June. Price each: 4 to 5 ft. \$1.50.

LARIX — LARCH

L. Europaea (*European Larch*). A. Compact in growth, with light green foliage and drooping habit. Valuable as a timber tree and beautiful as a specimen on one's grounds. Price each: 3 to 4 ft. \$1.00; 4 to 5 ft. \$1.50; 5 to 6 ft. \$2.00.

LIRIODENDRON

L. tulipifera (*Tulip Tree* or *Whitewood*). A. Among the largest of our native trees, forming broad, spreading specimens. Leaves glossy and fiddle-shaped. The flowers resemble Tulips, and are large and greenish-yellow, blotched with orange, appearing in June. Price each: 6 to 8 ft. \$2.50.



Magnolia Stellata

MAGNOLIA

M. acuminata (*Cucumber Tree*). A. A tree of large pyramidal growth, with large, deep-green leaves and yellowish-white inconspicuous flowers in May. The showy carmine fruits are shaped like cucumbers. Hardy and vigorous. Price: 6 to 8 ft. \$2.00 each, \$18.00 for ten.

M. Alexandrina. C. Flowers similar to *M. Soulangiana*, somewhat darker. Blooms a little earlier. Price each: 4 ft. \$5.00.

M. Soulangiana. C. Perhaps the most popular of all Magnolias, being of vigorous growth, and blooming profusely even when quite small. The flowers are large, pink on the outside of petals and white inside. Price each: 3 to 4 ft. \$5.00.

M. stellata (*Hall's Magnolia*). C. A charming dwarf tree. Flowers double, pure white or with a rosy flush; petals long and narrow. The blossoms greatly resemble our Pond-Lily in appearance. The fragrance is delicate. Earliest and most abundant blooming of all the Magnolias. Price each: 2½ to 3 ft. \$5.00.

MORUS — MULBERRY

M. alba pendula (*Tea's Weeping Mulberry*). An old favourite for lawn decoration. It makes a low tree six feet high, with pendulous branches that reach to the ground. A truly delightful tree. Bears luscious black fruit. Price: 2 year heads, \$3.00 each, \$27.00 for ten.

M. Tatarica (*Russian Mulberry*). Price: 5 to 6 ft. \$1.50 each, \$14.00 for ten.

PLATANUS — PLANE TREE

Rapid-growing trees, attaining a large size. The bark rolls from the trunk and limbs in sheets, leaving patches of yellow and green. They do well on any soil and are free from insect pests.

P. orientalis (*Oriental Plane*). A. This tree is a favourite for street-planting purposes, as it is a rapid grower and not affected by the air of cities or by insects. Price: 8 to 10 ft. \$1.50 each, \$14.00 for ten; 10 to 12 ft. \$2.00 each, \$18.00 for ten.



Avenue of Lombardy Poplars

POPULUS — POPLAR

The Poplars supply us with rapid growing trees in forms suitable for street, shade, and screening purposes. Probably the best known variety is the Lombardy Poplar used so much for screening unsightly objects. For this purpose it should be set from 4 to 8 feet apart, according to the density of screen required.

P. alba var. Bolleana. *White* or (*Silver-leaved Poplar*). A. Its habit is like the Lombardy Poplar, and it is a long-lived tree. Its bark is bluish gray, with dark green tremulous leaves, white beneath. Price: 8 to 10 ft. \$1.50 each, \$14.00 for ten; 10 to 12 ft. \$2.50 each, \$22.00 for ten; 12 to 15 ft. \$3.00 each; 15 to 18 ft. extra heavy, \$5.00 each.

P. deltoides var. monilifera (*Carolina or Cottonwood Poplar*). **A.** Good in almost any location, thriving at the seashore in poor, sandy soil. It forms a fine-shaped, spreading tree, with large, dark glossy leaves, and for screens is unequalled. *Price:* 8 to 10 ft. \$1.50 each, \$12.50 for ten, \$100.00 for 100; 10 to 12 ft. \$1.75 each, \$15.00 for ten; 12 to 15 ft. \$2.00 each, \$18.00 for ten.

P. nigra fastigiata (*Lombardy Poplar*). A well-known tree of narrow, upright growth, with light green, small leaves. *Price:* 6 to 8 ft. \$1.00 each, \$9.00 for ten, \$80.00 for 100; 8 to 10 ft. \$1.25 each, \$11.00 for ten, \$90.00 for 100; 10 to 12 ft. \$1.50 each, \$12.50 for ten, \$100.00 for 100.



Pyrus Malus — Flowering Crab Apple

PYRUS MALUS — FLOWERING CRAB APPLE

A class of small trees not only beautiful in shape but also bearing some of the most delightful and delicate blossoms followed by attractive fruit.

P. baccata (*Siberian Flowering Crab*). **C.** A small tree with spreading branches, forming a symmetrical, close head. Flowers appearing with the leaves, on long and slender pedicels, white or slightly pink, fragrant. Fruit about the size of a cherry, yellow or ruddy. Hardy and beautiful. *Price each:* \$3.50.

P. floribunda (*Flowering Crab*). **C.** A shrub or small tree with a symmetrical crown. Native of Japan. Leaves ovate, appearing with the flowers, bright green and lustrous, fading with tones of yellow and bronze. Flowers rose or rose-red, produced in great profusion; fragrant. Fruit red, about the size of a pea, on long, slender pedicels. A fine specimen plant and one of the best of the Spring-flowering trees. *Price each:* 3 to 4 ft. \$1.50.

P. floribunda var. *Scheideckeri* (*Double-flowering Crab*). **C.** Flowers double, bright rose, of great substance and durability. Splendid for cut-flowers. *Price each:* 3 to 4 ft. \$1.50.

P. Iōensis Bechteli fl. pl. (*Bechtel's Double-flowering Crab*). **C.** A shrub or small tree with spreading or ascending branches, forming a wide head. Leaves ovate or oval, dark green and lustrous on the upper surface, paler and pubescent beneath, turning yellow in Autumn. Flowers large and very double, resembling small roses, of a delicate pink or blush colour; fragrant. One of the most remarkable of Double-flowering Crabs, and should be in every garden. *Price each:* 2 to 3 ft. \$1.50; 3 to 4 ft. \$2.00; 4 to 5 ft. \$2.50.

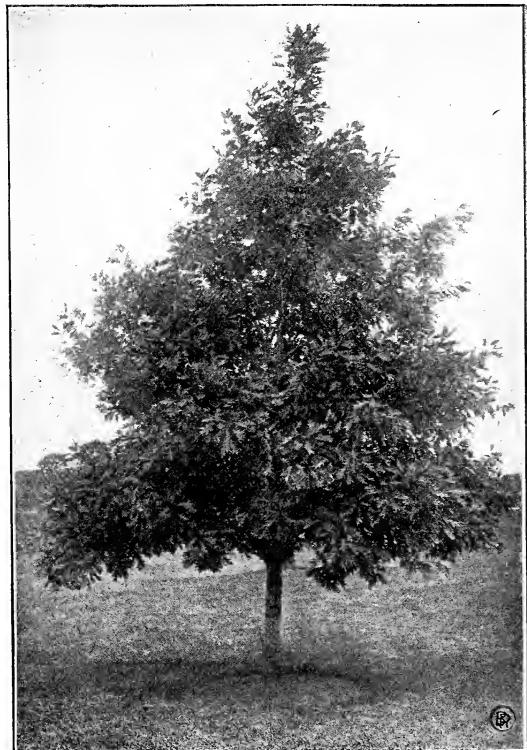
P. Parkmanii. **C.** From Japan. It grows about 20 feet high and fully as wide, and has an exceedingly dense head of fine branches. Each bud produces regularly five blossoms set on stems three inches long, which are so slender that they bend with the weight of the buds or bloom in a very graceful fashion. The buds are carmine in colour; the open blossoms are semi-double, and the tree, when in bloom, presents a most gorgeous appearance. *Price each:* 3 to 4 ft. \$2.00.

P. Sargentii fl. pl. **C.** Double white. *Price each:* 3 to 4 ft. \$1.50.

P. spectabilis (*Chinese Flowering Crab*). **C.** Beautiful coral-red buds, paling to delicate rose. *Price each:* 3 to 4 ft. \$1.50.

PRUNUS — PLUM

P. Pissardi (*Purple-leaved Plum*). **C.** Handsome form, with purple leaves and wine-red fruits; one of the best of the small purple-leaved trees, retaining its colour until Autumn. Hardy wherever the common Plum will stand. *Price:* 4 to 5 ft. \$1.25 each, \$11.00 for ten; 5 to 6 ft. \$1.50 each, \$14.00 for ten; 6 to 7 ft. \$1.75 each.



Quercus Palustris — Pin Oak

QUERCUS — OAK

Long lived trees, free from insect and fungus pests; suitable for shade or street planting. The Pin Oak is one of the best permanent street trees, yet grows almost as rapidly as a Maple.

Q. coccinea (*Scarlet Oak*). **B.** There is no better Oak than this variety. It forms a large tree of fine proportions, the large, leathery leaves turning to a fiery scarlet in Autumn. A good street tree. *Price:* 6 to 8 ft. \$2.00 each, \$18.00 for ten; 8 to 10 ft. \$2.50 each, \$22.00 for ten.

Q. palustris (*Pin Oak*). **A.** We consider this and *Coccinea* the two best Oaks. It is distinguished by its elegant growth and the drooping tendency of its limbs, and fine, deeply-cut foliage, which, in the Autumn, colours brilliantly. Being one of the easiest Oaks to transplant, it is in great favour as a street tree. *Price:* 8 to 10 ft. \$2.50 each, \$22.00 for ten; 10 to 12 ft. \$3.00 each, \$27.00 for ten; 12 to 14 ft. \$3.50 each.

Q. rubra (*Red Oak*). **A.** An American variety, rapid in growth, with large foliage, which assumes in the Autumn a purplish scarlet hue. It makes a fine specimen and cannot be too highly recommended for general planting. *Price:* 6 to 8 ft. \$2.00 each, \$18.00 for ten; 8 to 10 ft. \$2.50 each, \$22.00 for ten; 10 to 12 ft. \$3.00 each, \$27.00 for ten; 12 to 14 ft. \$3.50 each, \$32.00 for ten.

ROBINIA — ACACIA

R. hispida (*Rose Acacia*). **C.** Is valued for its elegant clusters of rose-coloured flowers, which expand towards the close of May, and continue for several weeks. The branches resemble a Moss Rose. *Price each:* 2 to 3 ft. 75¢.

SALIX — WILLOW

Willows prefer a damp situation, but are often found growing luxuriantly in comparatively dry soil. They make graceful trees when allowed to develop, but are much used for screening purposes because they stand severe pruning without injury. The Laurel Leaved Willow (*S. pentandra*) is the most valuable plant for coarse hedge purposes.

S. alba (*Common White Willow*). A. Well adapted to wet ground, where it grows into a large, broad tree. Price: 4 to 5 ft. 50¢ each, \$4.00 for ten; 6 to 8 ft. \$1.00 each, \$9.00 for ten.

S. Babylonica var. Wisconsin Weeping. A. A variety resembling the Babylonian Willow, except that it is more hardy. Price each: 6 to 8 ft. \$1.50.

S. elegantissima (*Thurlow's Willow*). B. A spreading, drooping tree, similar to the *Babylonica*. Price: 6 to 8 ft. \$1.00 each, \$9.00 for ten; 8 to 10 ft. \$2.00 each, \$18.00 for ten.

S. pentandra, or *laurifolia*. (*Laurel-leaved Willow*). B. A rapid-growing tree notable for its shining, dark green foliage. May be grown as an individual specimen, or is useful for hedges or screens when height is desired. Does well at the seashore. Price: 3 to 4 ft. 50¢ each, \$4.00 for ten, \$30.00 for 100; 4 to 5 ft. 75¢ each, \$6.50 for ten, \$40.00 for 100; 6 to 8 ft. \$1.00 each, \$9.00 for ten, \$80.00 for 100.

S. Wentworthii (*Wentworth's Willow*). Upright growing, red bark. Price each: 6 to 8 ft. \$1.75.

SORBUS

S. aucuparia (*European Mountain Ash*). D. A most conspicuous tree in Autumn, when loaded with clusters of bright scarlet berries. Price: 8 to 10 ft. \$2.00 each, \$18.00 for ten.

SYRINGA — LILAC

S. Japonica (*Japan Tree Lilac*). C. Under this head we can include but one variety,—the remarkable Tree Lilac of Japan,—all other forms being strictly shrubs. The common Lilacs mildew the last half of the Summer, but the foliage of this variety is always clean and glossy. Makes a clean, straight trunk, and develops into one of the handsomest of small trees. Price: 3 to 4 ft. \$1.50 each, \$14.00 for ten; 4 to 5 ft. \$2.00 each, \$18.00 for ten. [See Shrubs, pages 127 and 128, for Hybrid Lilacs.]

TAXODIUM — DECIDUOUS or BALD CYPRESS

T. distichum. A. The fine, feathery foliage of this tree, its rapid pyramidal growth, and beauty when in full foliage, find for it a place in every collection. Though preferring a damp



Tilia—Linden

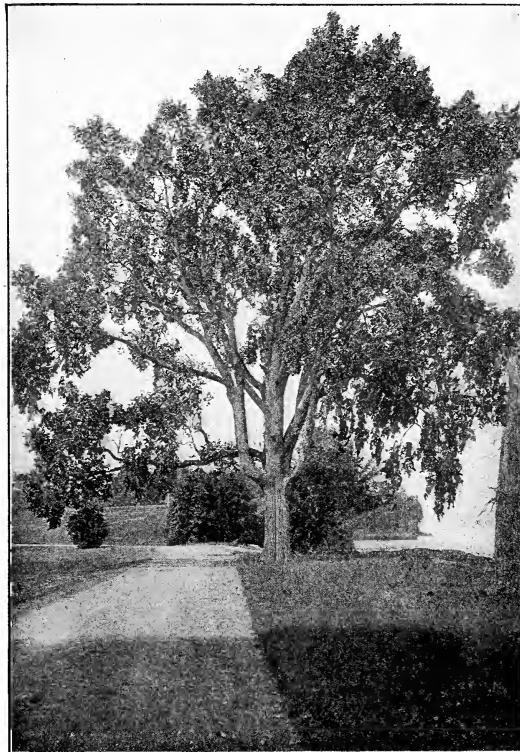
situation, it does not demand it, as many fine specimens are thriving in dry soils in high altitude. Prune closely when transplanted. Price each: 5 to 6 ft. \$3.00.

TILIA — LINDEN or LIME

The Lindens are excellent shade and street trees, thriving under all ordinary conditions. They are being largely used, especially the American and European varieties, for planting along our streets and state highways, as they seem to resist the attack of most insects.

T. Americana (*Linden or Basswood*). A. The largest-growing Linden, making a majestic tree. Suitable for parks or streets. When in blossom, its yellow flowers are intensely fragrant. A fine and valuable tree. Price each: 8 to 10 ft. \$2.50.

T. Europaea (*Lime, or European Linden*). B. With dark bark and small foliage. Useful in all locations. Price each: 8 to 10 ft. \$2.50.



Ulmus Americanana — American Elm

ULMUS — ELM

Here in New England many towns owe much of their beauty to the stately Elms which border their streets. The American Elm is, of course, the best known, but the English Elm (*U. campestris*) is being much used for street planting. Its foliage is somewhat smaller than that of our native variety and its habit of growth more spreading.

U. Americana (*American Elm*). A. A large and stately tree with long and graceful branches. Leaves oblong, sharply serrate, dark green, turning pale yellow in Autumn. Very picturesque in age, and desirable for lawn or landscape. Price: 6 to 8 ft. \$1.50 each, \$14.00 for ten; 8 to 10 ft. \$2.00 each, \$18.00 for ten; 10 to 12 ft. \$2.50 each, \$22.00 for ten, \$200.00 for 100; 12 to 14 ft. \$4.00 each, \$36.00 for ten; 14 to 16 ft. from \$5.00 up to \$10.00 each.

U. campestris (*English Elm*). B. More erect in growth, compact, and with smaller foliage and twiggy branches and trunk. A hardy, valuable tree. Price: 8 to 10 ft. \$2.00 each, \$18.00 for ten; 10 to 12 ft. \$2.50 each, \$22.00 for ten; 12 to 14 ft. \$4.00 each, \$36.00 for ten.

U. var. pendula (*Camperdown Weeping Elm*). C. A remarkably picturesque weeping tree which extends its branches horizontally until it forms a complete arbor, its outer branches touching the ground. There is no other weeping tree quite like it. It does not grow over 15 feet high, while the spread of its branching head will cover 40 feet or more. Price: strong two-year old heads, each \$3.00.

FRUIT TREES & SMALL FRUITS

Few home grounds are so small that place cannot be found for a fruit tree or bush to provide the family with fresh, thoroughly-ripened fruit which has not been deprived of its rich flavour by too early picking and a long journey to market. Our fruit stock is practically all New England grown, rugged and healthy; careful grading and handling ensure to the customer a favourable beginning for the fruit plantation.

The growing of fruit trees in New England is dropping off to an alarming extent. We are today consuming fruit from trees planted by previous generations and these trees are dying out for the lack of care and from old age. If our children are to enjoy the fruits as we enjoy them, these trees must be replaced. It is almost a duty for us now to plant fruit trees, because they take some time to come to maturity and bearing.

Unlike many other utilitarian objects fruit trees are also decorative. A well-cared-for apple or pear tree is as beautiful an object as most of the trees that are planted for their beauty alone. Our ancestors planted fruit trees in the grounds about their houses, a practice which might well be resumed by the present generation.

The ground in which fruit trees are planted should be drained in such a way as to avoid stagnant moisture, which is inimical to the best growth of newly planted trees, and the ground should be as well prepared as for crops of corn, potatoes, and the like. Before planting the trees, see that all broken roots are properly pruned, and in the case of Standard Trees, which run from 5 to 7 feet in height, have all of the top branches pruned back to within three or four buds at the base of the shoot, thus lessening the strain upon the roots, and giving the remaining buds an opportunity for more vigorous growth. Larger trees may be shortened to a lesser degree; and where there are small twiggy growths, these should be cut out entirely. In all cases have the holes dug sufficiently large to allow the roots of trees to be straight and natural, and with the tree held in an upright position, have the finest and best soil carefully worked in among the roots so that the latter may be in close contact with the soil. This important precaution will save the loss of many trees.

DISTANCE BETWEEN FRUIT TREES or BUSHES

Standard Apples: 30 to 40 feet apart each way. In poor soils 25 feet may be enough. **Dwarf:** 6 to 15 feet apart.

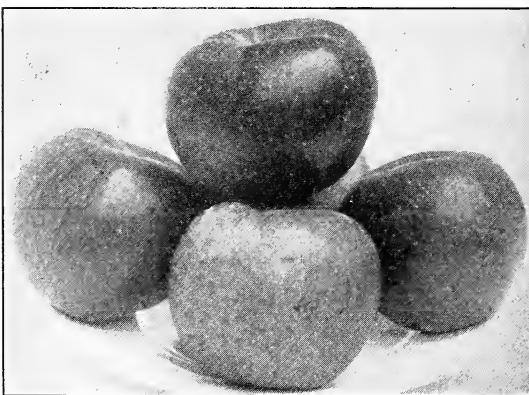
Standard Pears and Cherries: 20 feet apart each way. Cherries will do at 18 feet. **Dwarf Pears:** 10 to 12 feet apart each way. The greater distance is better.

Standard Plums, Peaches: 16 to 18 feet apart each way.

Quincees: 10 to 12 feet apart each way.

Currants, Gooseberries and Raspberries: 3 to 4 feet apart.

Blackberries: 6 to 7 feet apart.



Baldwin Apples

Insuring the Crop of Fruit

To plant fruit trees and then neglect them is the height of folly. Proper spraying at the right time is essential to successful fruit growing. While the trees are dormant, spray thoroughly for scale and leaf blaster with Commercial Lime Sulphur solution, one pint to each gallon of water. When the blooms begin to show colour and before they open spray thoroughly with the following mixture: To each gallon of water, add one gill of Lime Sulphur, one teaspoonful of "Black Leaf 40," and two teaspoonsfuls of Corona Dry Arsenate of Lead. The third and most important spraying takes place just as the last flower petals are falling. The same spray is used with the exception that if no aphis is present, the "Black Leaf 40" may be eliminated.

APPLES

The following list of Apples embraces varieties which have been tested, and can be recommended as the very best for general cultivation. All Apples are furnished in Standard sizes unless Dwarf trees are specified.

Varieties marked \star supplied also in Dwarf trees at the same price.

Prices except as noted: 2 year trees, 5 to 7 ft. \$1.50 each, \$14.00 for ten, \$90.00 for 100; Extra size 3 years and older \$3.00 to \$5.00 each; varieties and prices on application.

SUMMER

Early Harvest. Moderate growth, medium to large; yellow, tender, rather acid. Ripens in August.

Golden Sweet. Free growth, large, yellow, tender, sweet, rich. Ripens in August and September.

\star **Red Astrachan.** Free growth, large, roundish, deep crimson, juicy, rather acid, very hardy; highly esteemed on account of its fine appearance, earliness, and hardiness. Ripens in August.

Williams' Favourite. Moderate growth, large, oblong, red, rich, excellent. Ripens in August.

Yellow Transparent. The very early apple; very hardy and a good grower, skin a beautiful pale yellow, the fruit a good size. Ripens early in August.

AUTUMN

Alexander. Very large fruit with beautifully striped red skin, flesh white, crisp, tender, and juicy. Tree is a vigorous grower and heavy cropper. September to December.

Duchess of Oldenburg. Vigorous growth, large, striped, tender, juicy, regular and abundant bearer. One of the hardiest kinds known. Ripens in September.

Fameuse or Snow. Vigorous growth, medium, deep crimson, tender, subacid, melting, delicious, hardy. One of the best dessert Apples. Ripens November to January.

\star **Gravenstein.** Vigorous growth, very large, striped, juicy, tender, crisp, rich, subacid. Ripens September and October.

Maiden's Blush. Free growth, large, yellow and red, tender, juicy, subacid. Ripens September and October.

\star **Pippin.** Free growth, very large, yellow, tender, rich. Ripens October to December.

\star **Porter.** Moderate growth, medium to large, yellow, fine grained. Ripens in September.

WINTER

\star **Baldwin.** Vigorous growth, large, bright red, crisp, juicy; the most popular and profitable market sort in the East. Ripens December to March.

\star **Delicious.** Fruit large with brilliant dark red skin, flesh fine grained, crisp and juicy; of very high quality, a splendid keeper and constant bearer. November to April.

WINTER APPLES—Continued

Hubbardston. Free growth, large, striped red and yellow, tender, juicy, rich. Ripens November to January.

Jonathan. Medium growth, red and yellow, tender, juicy, and rich. Very productive. One of the best for table or market.

Kendrick's Sweet (Sweet Winesap). Fruit medium, colour red splashed with crimson. Flesh tender, juicy, and sweet. Ripens November to May.

King. Vigorous growth, large, red-striped, tender, juicy, vinous. Ripens November to January.

•**McIntosh Red.** One of the best of the Autumn varieties. Skin dark waxy red; flesh white, crisp, and spicy. October to December.

•**Northern Spy.** Vigorous growth, large, striped red, tender, juicy; a fine dessert fruit. Ripens December to June.

Rhode Island Greening. Vigorous growth, large, green, fine grained. Ripens December to April.

Roxbury Russet. Free growth, medium, greenish, late keeper. Ripens December to June.

Spitzenburg. Large, round, brilliant red, with gray dots, firm, rich, crisp, juicy, and delicious. Tree rather a slow grower, but with high culture becomes large and spreading; a good bearer. Ripens December to April.

Tolman's Sweet. Free growth, medium, yellow, firm, rich, sweet. Ripens November to April.

Wagener. Vigorous growth, medium to large, yellow and crimson, juicy. Ripens December to March.

•**Wealthy.** Free growth, medium, dark red, juicy. Ripens December to February.

Winesap. Moderate growth, large, deep red, firm. Ripens December to May.

CRAB APPLES

The Crab Apple has many points of excellence; it makes a fine ornamental tree, is perfectly hardy, and will grow in any kind of soil. It bears very early and every year. The fruit is unequalled for jelly and for vinegar, and is useful when dried, canned, or preserved.

Price: \$1.50 each, \$14.00 for ten

Hyslop. Large size, dark crimson with bloom, very showy and the most beautiful of all the class. Hardy.

Transcendent. Of the largest size of this class, red, showy, excellent, handsome; one of the most desirable.

CHERRIES

Cherries do well on dry soil and can be trained in any form required.

Price: 6 to 7 ft. \$1.50 each

HEARTS and BIGARREAU

Black Tartarian. Vigorous growth, very large; purplish black; one of the best. Ripens end of June.

Governor Wood. Vigorous growth, medium, clear light red, tender and delicious. Ripens end of June.

Napoleon. Vigorous growth, very large, pale yellow with red cheek, firm, juicy, and sweet. Ripens first of July.

Schmidt's Bigarreau. One of the best sweet cherries. Fruit is very large, deep black; flesh dark and tender, very juicy. July.

Windsor. Vigorous growth, large, liver-coloured, very firm; a valuable variety, hardy. Ripens end of July.

Yellow Spanish. Vigorous growth, large, pale yellow, with red cheek, firm, juicy, and delicious. Ripens end of June.

DUKES and MORELLOS

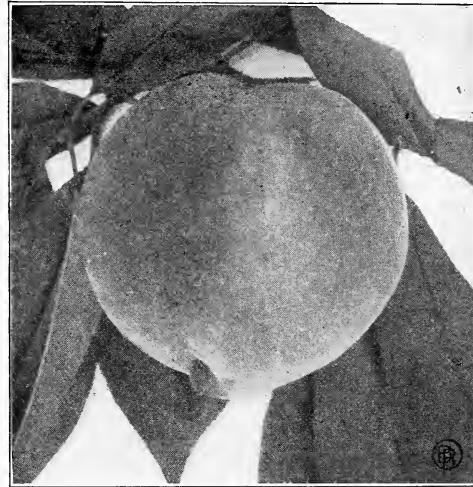
Early Richmond. Medium size, dark red, juicy, rich acid flavour. The stone adheres to the stem. One of the most valuable of sour Cherries.

Montmorency. A Cherry of the Richmond class, but larger, more solid, and more upright; equally hardy and a heavy cropper. Ripens from seven to ten days later than the Richmond, entirely escaping danger from Spring frost.

Morello (English). Large, dark red nearly black, tender, juicy, subacid; valuable for preserves; tree small, slender growth; productive.

The Spraying of Peach Trees

While the trees are dormant, spray for scale with Commercial Lime Sulphur, one pint to each gallon of water. After blooming, when the tiny fruits begin to show, spray with a weak solution of Corona Arsenate of Lead (two level teaspoonsfuls to each gallon of water). In ten days repeat this spraying.



Fitzgerald Peach

PEACHES

The following varieties have been selected out of hundreds, the better ones only being chosen. They furnish a succession for about two months commencing the early part of August.

Prices: 5 to 6 ft. \$1.00 each, \$9.00 for ten

Belle of Georgia. Very large, skin white with red cheek; flesh white, of fine flavour. Ripens with the Crawford's Early.

Carman. A new, hardy, rot-proof Peach. Large, round, pale yellow skin and red blush on sunny side; white flesh, sweet flavour.

Champion. Handsome creamy white with red cheek. It is of large size and of superior flavour. Ripens about August first, and has shown that it bears a full crop when others fail. Considered a great improvement over other white sorts.

Crawford's Early. Very large, yellow, juicy, melting, freestone. Ripens early September.

Crawford's Late. Very large, yellow, juicy, freestone. Ripens end of September.

Elberta. An exceedingly large, light-coloured yellow Peach; juicy, well-flavoured. Ripens early in August.

Fitzgerald. Fruit medium to large, round, yellow flesh. It is yellowish-green with red cheek. Ripens early September.

Foster. Large, resembling Crawford's Early, but of better quality. Ripens early September.

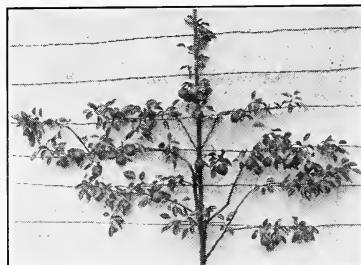
Greensboro. A hardy, early peach ripening the latter part of July. Flesh white covered on one side with light and dark red, shaded with yellow.

J. H. Hale. No better peach has ever been introduced. It is larger than the Elberta, and ripens about a week earlier. Flesh is golden-yellow with deep scarlet blush.

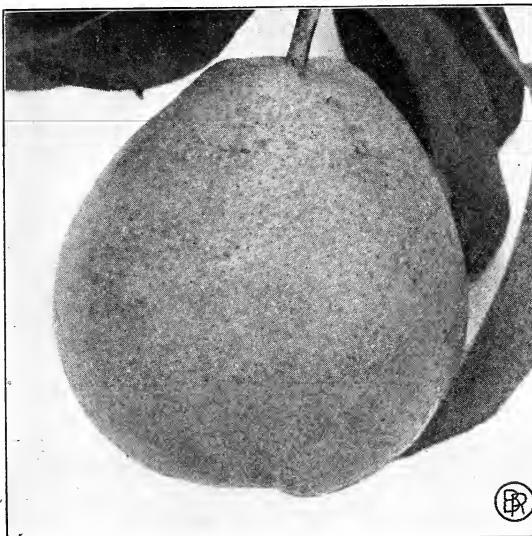
Mountain Rose. Large, white and red, juicy. Ripens end of August.

Oldmixon Free. Large; greenish white and red; juicy and rich. Ripens middle of September.

Rochester. A yellow freestone variety ripening about August 10. Fruit is large, sweet and of delicious flavour. Skin blushed. Strong grower and hardy.



This Dwarf Seckel Pear Tree was photographed Sept. 25, 1923. It was planted in April, 1919. It bore a crop of ten pears in 1922, the third year from planting. The tree is 45 inches high.



Sheldon Pear

PEARS

Price except as noted: 5 to 7 ft. \$1.50 each, \$14.00 for ten. The varieties marked **•** can be supplied also in Dwarf trees budded on Quince stocks at the same price.

SUMMER

- **Bartlett.** Vigorous growth, large, yellow and red, juicy, buttery, with a rich, musky flavour. Ripens September.
- **Clapp's Favourite.** Vigorous growth, very large and handsome, yellow and crimson, melting, buttery. Ripens August.
- **Wilder.** This Pear ripens in August and is a liberal cropper, bearing fruit shortly after transplanting. Skin bright yellow, flesh rich creamy colour and virtually coreless. Very juicy and delicious in flavour.

AUTUMN

- **Beurre Bosc.** Moderate growth, large, russet, buttery, rich, high-flavoured. Ripens September and October. Price: \$2.00 each.
- **Flemish Beauty.** Vigorous growth, large, yellow and russet, juicy, melting, sweet. Ripens September and October.
- **Louise Bonne de Jersey.** Vigorous growth, large, yellow and red. Ripens September and October.
- **Seckel.** Moderate growth, medium, brown, juicy, of the highest flavour. Ripens September and October.
- **Sheldon.** Vigorous growth, large, russet and red. Ripens October.
- **Vermont Beauty.** A very brilliant-coloured skin and most beautiful when ripened. It matures a little later than the Seckel, and has qualities which render it valuable as a shipping Pear. Flesh rich, aromatic, and juicy. The tree is strong in habit and is well adapted to the coldest climates.

WINTER

- **Beurre d'Anjou.** Vigorous growth, very large, greenish yellow, keeps into mid-Winter, and is the most valuable of all Winter Pears. Ripens November and December.
- **Lawrence.** Moderate growth, medium to large, golden yellow; a valuable Winter Pear. Ripens November and December.

QUINCES

Price: 4 to 5 ft. \$1.50 each

- **Apple, or Orange.** Large, roundish, bright golden yellow; very productive.
- **Champion.** A vigorous and productive variety. Ripens very late.
- **Meech's Prolific.** Remarkable for its early and regular bearing, and for productiveness—will bear when two or three years old. Fruit pear-shaped and of high quality.
- **Rea's Mammoth.** A very large and fine variety of the Orange Quince.

PLUMS

Price, 5 to 7 ft. \$1.75 each, \$15.00 for ten; Extra size, \$2.00 each
EUROPEAN TYPE

Lombard. Vigorous and very productive. Fruit large, oval, dark purplish-red; flesh yellow and sweet. Ripens August and September.

Reine Claude (Bavay's Green Gage). Round; greenish-yellow; juicy, melting, sugary, rich; separates from the stone; tree very vigorous and remarkably productive. A valuable market Plum. Ripens last of September.

Shropshire Damson. Medium, dark purple, very productive; one of the best for preserving. Tree not a rapid grower. Ripens October.

Yellow Egg. A very large and beautiful egg-shaped Plum; a little coarse, but excellent for cooking; tree a free grower, very productive and hardy. Ripens August.

JAPANESE TYPE

Abundance. Skin beautiful lemon-yellow ground, nearly overspread with bright cherry, and with a heavy bloom; large to very large, oblong, tapering to a point; flesh orange-yellow, melting, rich, and highly perfumed; abundant and annual bearer; tree a very vigorous, upright grower. Has been thoroughly tested, and is highly recommended. Ripens August.

Burbank. Large and beautiful, clear cherry red, with a thin lilac bloom; flesh a deep yellow, very sweet, with a peculiar and very agreeable flavour. The tree is a vigorous grower, with large broad leaves; usually begins to bear the second year after transplanting. Ripens end of August.

Red June. An early-ripening Japanese Plum; medium to large; roundish, conical; purplish-red; handsome; flesh yellow; quality good. Ripens first of September.

Satsuma (Blood). Large, globular, with sharp point. Colour purple and red, with bloom; flesh firm, juicy, dark red, or blood-colour, fine quality; pit very small. Ripens August.

Wickson. Originated by Burbank. A sturdy, upright grower; fruit remarkably handsome, deep maroon-red, covered with white bloom; stone small; flesh fine texture, firm, sugary and delicious; excellent keeper and shipper; will keep two weeks after ripening.

CURRENTS

A popular and profitable crop in a variety of soils. Its principal insect enemy, the currant worm, is easily kept in check by the liberal use of bellobore, applied immediately upon the first appearance of the worm. Plant 4 feet or more apart.

Prices except as noted: 25¢ each, \$2.20 for ten, \$20.00 for 100
Cherry. Fruit of the largest size; deep red, rather acid; short bunches; growth strong, stout, erect; short-jointed shoots.

Fay's Prolific. This Currant has been widely planted and has given general satisfaction, and is the best red Currant known. Fruit very large, bright red and of excellent flavour; less acid than the Cherry variety. It has a long stem which admits of rapid picking, and is enormously productive.

Perfection. The largest Currant in existence. Price: 35¢ each, \$3.00 for ten.

GOOSEBERRIES

Price: 50¢ each, \$4.00 for ten

Downing. Whitish green; vigorous and prolific; juicy and good. A fine reliable berry for general culture.

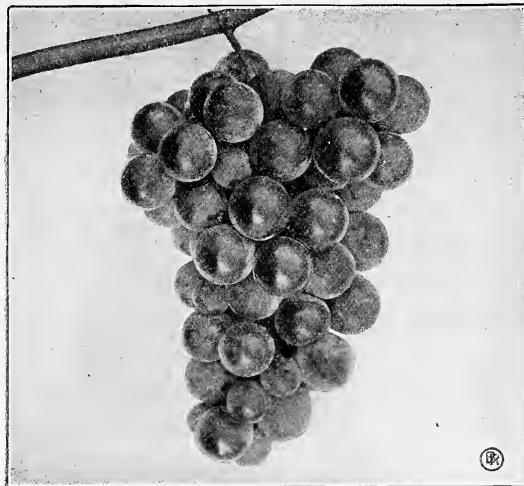
Pearl. The most prolific Gooseberry known. One bush produced 2,500 berries. It is free from mildew and is much larger than the Downing. The colour is light green.

Red Jacket. A pure native American variety, rivaling the English varieties in size, and absolutely free from mildew. Fruit large and smooth, rich ruby-red in colour, and of fine flavour. A most valuable variety.

Caco—the New Grape

Highest in quality, most beautiful of all hardy grapes. Large red berries, covered with a white bloom. The strongest grower of all the hardy varieties.

Price: heavy 2 year vines, \$1.50 each



Moore's Early Grape

HARDY NATIVE GRAPES

Price, strong 2-year vines, 60¢ each, \$5.00 for ten, \$40.00 for 100

BLACK

Concord. Bunch and berries large, round, black, thickly covered with a beautiful bloom; flesh moderately juicy, sweet pulp; quite tender when fully ripe.

Moore's Early. Bunch and berry large, with a blue bloom; quality better than *Concord*; its size and earliness render it most desirable.

Worden. Bunches large, handsome; berries large, sweet. Ten days earlier than the *Concord* and superior to it in flavour; ripens well in cold localities.

RED and REDDISH PURPLE

Agawam (Rogers' No. 15). Large, tender, juicy, vinous; vine vigorous.

Brighton. Large, handsome, and of the best quality; ripens early.

Delaware. Medium or small, but delicious; highly esteemed.

Salem (Rogers' No. 53). One of the best and most popular; ripens with the *Concord*.

WHITE

Moore's Diamond. Bunch large and compact; berry about the size of *Concord*; colour greenish white, with a yellow tinge when fully ripe; flesh juicy and almost without pulp; quality very good; early, vine vigorous and productive.

Niagara. Bunch medium to large; berry large; skin thin but tough; slightly pulpy, tender, sweet; vine vigorous, healthy, and very productive; ripens with *Concord*. All things considered, it is probably the most valuable White Grape in cultivation.

BLACKBERRIES

The ideal crop for obtaining money returns from poor lands. Yet the cultivation of the vines should not be neglected, and liberal fertilizing should be accorded. Mulching is of great advantage, especially in poor soils. Plant in rows 6 feet apart, the plants 3 feet apart in the rows. Trim with a view to obtaining a crop of excellent berries from a few strong shoots to a plant rather than from many weak ones.

Price: \$1.50 for ten, \$8.00 for 100

Blowers. Large round berries, very firm.

Eldorado. This splendid variety is, perhaps, the best ever produced. It stands when other varieties are Winter-killed, and has never failed to produce enormous crops of its very large jet-black fruit, which is sweet and melting and keeps well after picking.

Rathbun. The fruit is borne in clusters and is easily gathered; berries very large, colour intense black, with a high polish; pits very large, with small seeds; flesh juicy, high-flavoured, sweet, and delicious.

Snyder. A marvel for productiveness; fruit medium size, sweet and melting to the core. The plant is extremely hardy.

RASPBERRIES

Price except as noted: \$1.50 for ten, \$8.00 for 100.

Columbian. A new variety of great promise. It is a very vigorous grower and very hardy. Fruit purple and delicious for table or canning; an excellent shipping variety. Price: \$1.75 for ten, \$10.00 for 100.

Cuthbert. Large, dark crimson berries of firm texture; sprightly acid and of excellent quality; a certain cropper, always to be recommended.

Erkine Park. This new Everbearing red raspberry is described by the U. S. Department of Agriculture as surpassing all other late-bearing sorts. The plants are very hardy; fruit large and firm.

Golden Queen. Large, yellow fruit of highest quality and best size; hardy and productive; fine either for home use or for shipping purposes.

June. Red; two weeks earlier than *Cuthbert*.

La France. A superior new giant everbearing variety. Large juicy red fruit. Heavy bearer, very hardy. Price: \$5.00 for ten, \$40.00 for 100.

Plum Farmer. Large, black; vigorous grower.

STRAWBERRIES

For best growth Strawberries require light fibrous or sandy loam, well enriched, with plentiful moisture during the bearing season. The plants should be set 12 to 15 inches apart, in rows 2½ to 3 feet apart. They should be kept free from weeds, and mulched with straw or litter in Winter. Fruit is borne the year after planting. Varieties in the following list are perfect flowering and may be planted without a mixture of other varieties for fertilizing purposes. Price for Layer plants for Spring planting: 50¢ for ten, \$2.00 for 100, \$18.00 for 1000

Price for Pot-grown plants for planting in August and September: \$1.00 for ten, \$6.00 for 100; \$50.00 for 1,000

Arabine. Extra early. Extra large, almost rust proof.

Brandywine. Midseason. Large, heart-shaped. A great cropper.

Commonwealth. Late. Large, conical, deep crimson fruit. One of the best late varieties.

Early Ozark. Extra early. Produces large, dark red berries; very delicious.

Excelstior. Early. Fruit is of round conical form, dark red colour, and mildly acid.

Glen Mary. Late. Exceptionally valuable in New England.

Howard XVII. Midseason. About the size and style of *Marshall*.

Marshall. Midseason. Enormous in size, a glossy dark crimson colour, and of delicious flavour.

McAlpin. Midseason. Beautiful scarlet colour, very large and fine flavour.

New York. Midseason. Berries are large, of conical form, dark red, fine texture and sweet flavour.

Nick Ohmer. Late. Produces dark glossy red, round berries of superior flavour. Excellent for forcing.

Roosevelt. Midseason. Larger berries than *Marshall*; excellent flavour.

Senator Dunlap. Early midseason. Dark red berries of medium size. The flesh is red all through, and exceedingly juicy.

William Belt. Late. Of large size and good quality. A continuous cropper. Deep red, following *Marshall*.

FALL or EVERBEARING STRAWBERRIES

Price for Layer plants for Spring planting: 75¢ for ten, \$3.00 for 100.

Price for Pot-grown plants for midsummer planting: \$1.25 for ten, \$8.00 for 100

Progressive. This variety makes a vigorous growth, and produces immense quantities of berries. Blossoms should be kept picked off until about the middle of July. If this is done, a heavy crop is assured from about the first of August until heavy frost. The berries are of medium size and excellent quality.

Superb. The berries of this excellent variety are a little later than those of *Progressive*. The plants are about equal in vigour of growth, but do not produce so many berries per plant as *Progressive*. The quality, however, is excellent.

FERTILIZERS & CHEMICALS



Premier Brand PULVERIZED POULTRY MANURE

Guaranteed Analysis

Nitrogen.....	4.10%
Equivalent to Ammonia.....	5%
Total Phosphoric Acid.....	2.70%
Available Phosphoric Acid.....	1.70%
Potash.....	1.30%

This shows how rich in nitrogen (or ammonia) and bone phosphate of lime this Poultry Manure really is and what a favorable amount of potash it contains. The guaranteed minimum analysis of Premier Brand Pulverized Poultry Manure is shown on each package.

It is exceedingly soluble and lends itself readily to absorption. The Plant Food contained in this Fertilizer has been pronounced by eminent chemists to be in the most valuable form of any organic fertilizer known. Not only is it valuable for the plant food it contains, but because by its nature it adds to and stimulates bacterial action in the soil, thereby making additional plant food available.

The next point to consider is that it is free from seeds which will germinate and produce weeds or other plants not desired. Every pound of Poultry Manure is subjected to an intense heat in passing through dryers, every germ is killed, and all large seeds pulverized in milling. And, lastly, (but most important), there is positively no objectionable odour to Premier Brand Pulverized Poultry Manure following application, and from this standpoint it is ideal for houseplants, lawns, and gardens.

The best plant food for Flowers, Lawns, and Golf Courses
Flowers: It has been thoroughly tried under glass and in the field. Applied in tilling or as a top-dressing or in solution as a liquid manure.

Lawns: For lawns it has no equal. Golf Clubs and Parks depend upon the colour and texture of the turf for their success. Appearance is everything to them. Repeat orders from Park Commissioners and Greens Keepers run 100%.

Amount to use: Fruits and vegetables 1000 to 1200 lbs. per acre. Old lawns 30 to 50 lbs. per 1000 sq. ft. New lawns 40 to 60 lbs. per 1000 sq. ft. Home gardens 3 to 5 lbs. per 100 sq. ft. Trees 3 to 5 lbs. each. Vines and bushes 1 lb. each. Greenhouses 60 to 90 lbs. per 500 sq. ft. of bench. Golf Courses —putting greens 50 to 60 lbs. per 1000 sq. ft., fairways 30 to 40 lbs. per 1000 sq. ft.; entire 9-hole course 15 to 20 tons or one carload.

1-lb. box.....	\$0.10	100-lb. bag.....	\$3.50
5-lb. box.....	.40	500 lbs.	15.00
25-lbs.	1.00	Per ton.....	55.00
50 lbs.	2.00		



Breck's Ram's Head Brand PULVERIZED SHEEP MANURE

(Odourless)

A standard dressing for lawns and around private homes or cemeteries, and wherever a strong, luxuriant growth of grass is needed. No time is lost waiting for Pulverized Sheep Manure to rot, as is the case with stable or barnyard manure. No necessity for raking off refuse after an application of Breck's Ram's Head Brand, or danger of tracking into the house or making the lawn unsightly or evil smelling.

Apply Ram's Head Brand two or three times during the season before rain or watering at the rate of one pound or over to 30 square feet or less. This will keep the lawn in flourishing condition.

Material in fine mechanical condition, all vegetable life destroyed during grinding and drying process.

1-lb. packages.....	\$0.10	100-lb. bags.....	\$3.00
5-lb. packages.....	.35	Per ton.....	50.00
50-lb. bags.....	1.65		

LAND LIME

Lime is one of the chemical substances essential to plant growth and most soils contain enough of it in some form to meet the mere plant-food requirement of many kinds of plants. It must be remembered, however, that Lime is used chiefly to correct the acidity or bad physical condition of soils, rather than as plant food. It does not furnish the elements supplied by commercial fertilizers, and hence can never take their place. It is always wise to use Lime just before seeding land to clover and timothy or to alfalfa. In rotations apply Lime following the Potato crop, but seldom just before it. Use Lime just before growing those crops most injured by acid soils. Lime after plowing and after the first harrowing, when possible. Fine-ground, or pulverized, limestone, because of its non-caustic character, can be applied at any season and before any crop except Potatoes. Ground limestone should be applied in the late Autumn and Winter to old pastures to bring back clover. Save labour in the busy season by Fall plowing and by applying the limestone during the Winter. This is not practical when applying slaked lime or mixtures which contain it. Ground limestone in such cases does not harden and lump like slaked lime, and can be thoroughly harrowed into the soil in the Spring. It should be spread as evenly as possible. Lime spreaders and certain fertilizer spreaders may be used to great advantage in the application of ground limestone, and should be employed when possible in order to lessen the cost of the work. This may also be done from a wagon with light shovels. Use one hundred pounds every 33 feet each way—equal to two tons per acre.

Price: per 100 lbs. \$1.25; per ton \$16.00.

Breck's Boston Park Lawn Grass

The best Lawn Mixture ever offered to the public. Per one pound Canister 50¢, postpaid 60¢.

BRECK'S LAWN and GARDEN DRESSING

Its superiority over stable manure can scarcely be estimated, as the latter, in addition to disfiguring the lawn by its unsightly appearance, also gives out an unpleasant odour, and always contains weeds and other undesirable seeds.



Great care should be taken to distribute the dressing evenly, and in no greater quantities than recommended on the tag which accompanies each bag, as a too liberal application will injure the sward. It can be applied at any time during the year, from April to November, as often as the grass seems to need nourishment. Never apply the dressing while the grass is wet with dew or rain. Any time the grass is perfectly dry will answer, but the best time to apply it is just before a shower.

Trial bag for 1000 square feet, 10-lbs. \$0.70
 Trial bag for 2500 square feet, 25-lbs. 1.25
 Bags for 5000 square feet. 50-lbs. 2.25
 Bag for $\frac{1}{4}$ acre. 100 lbs. 4.00
 Per ton. 70.00

BRECK'S MARKET GARDEN MANURE

A high-grade, properly balanced, complete fertilizer. Can be used either with or without barnyard manure, and for general use on all farm and garden crops. Especially recommended for market gardeners. Per 50-lb. bag, \$2.00; 100-lb. bag, \$3.50; per ton, \$65.00.

INCH or GRAPE BONE

This is unmanipulated bone, broken into pieces that vary in size from one-quarter to an inch. It is unsurpassed as a lasting fertilizer for grape vines, fruit trees, shrubs and trees of all kinds. It should be used liberally in grape vine borders and when setting out vines and fruit trees. Mix with soil to a depth of one foot or more. Per 100 lbs., \$4.00; per ton, \$65.00.

FINE GROUND FERTILIZER BONE

We have a high grade of this valuable fertilizer prepared especially for us. It is useful for all crops, but especially for grass lands and Fruit Trees. Per 50-lb. bag, \$2.00; per 100-lb. bag, \$3.00; per ton, \$55.00.

SCOTCH SOOT

This is much used by florists and gardeners, both as a fertilizer and fungicide. Mixed with Flowers of Sulphur (two-thirds soot, one-third sulphur) there is nothing better to prevent and cure mildew. Used as a fertilizer either in the dry state or in liquid, it quickly promotes growth. Per bag of about 2½ bu., \$7.00 per 100 lbs.

STIM-U-PLANT**Plant Stimulant Tablet**

The better grades of commercial fertilizers do not contain more than 3 to 5 per cent of Nitrogen, 6 to 10 per cent Phosphoric Acid, and 3 to 5 per cent Potash; Stim-U-Plant contains a guaranteed analysis of 11 per cent Nitrogen, 12 per cent Phosphoric Acid, and 15 per cent of Potash. The fertilizer ingredients in commercial fertilizer are for the most part in a relatively slow acting form, while in Stim-U-Plant they are water-soluble, which causes them to become immediately available to the plants.

Stim-U-Plant tablets are designed for use by all who grow plants—home gardeners, market gardeners, small-fruit growers, fruit growers, florists, and farmers. Their most valuable use is in feeding the growing plants. Being composed of water-soluble materials of great feeding power and of known weight and percentage of plant food, Stim-U-Plant tablets can be used directly to the soil at the base of the plants to feed them definite amounts of available food. Once in the soil they immediately dissolve and mingle with the soil water, pass into the root-hairs and roots to begin feeding the plants. No matter how fertile the soil may be Stim-U-Plant is effective in feeding the crops because of its rich, available food content.

Stim-U-Plant tablets are packed in four sizes as follows: *Trial Size, 15¢; Small Size, 25¢; 100 tablets, 75¢; 1000 tablets, \$3.50.*

BOWKER'S AMMONIATED FOOD for FLOWERS

A dressing made expressly for plants grown in the house, garden, or conservatory. Clean, odourless, and producing early and abundant blossoms of rich and brilliant colour and healthy, luxuriant plants free from vermin. *Price per Package, 30¢; post-paid, 40¢.*

BON ARBOR PLANT FOOD

Dry chemicals, 30 gallons of water to one pound of Bon Arbor. A very powerful chemical fertilizer; follow directions carefully. *Per ½-lb. can, 25¢; 1-lb. can, 50¢; 5-lb. can, \$2.25; 50-lb. box, \$15.00.*

FERTIFLORA

A liquid fertilizer for potted plants, to be mixed with water. *Per bottle, 35¢.*

SOIL, PEAT, LEAF-MOULD, Etc.

Lump Charcoal. For potting soils and greenhouse use. *Per bag, \$2.00.*

Prepared Potting Soil. Specially prepared with peat, leaf mould, loam, sand, and fertilizer. *Per peck, 30¢; per bushel, \$1.00; per 3-bushel sack, \$3.00.*

Peat, Rotted Fibrous. Fine, light and sweet. For some varieties of plants this is most valuable. *Per peck, 30¢; per bushel, \$1.00; per 3-bushel sack, \$3.00.*

Silver Sand. For rooting cuttings and mixing with potting soil. *Per peck, 60¢; per bushel, \$2.00.*

Fern Root or Orchid Peat. *Per bushel, \$1.50; per 3-bushel sack, \$4.00.*

Sphagnum Moss. *Per 2-bushel bag, \$1.00; per bale, \$9.00.*

Agricultural Salt. For killing weeds in Asparagus beds, walks, driveways, etc. *Per 100 lbs., \$1.50.*

Humus. Finely ground and screened for renovating Lawns, Golf Courses, Flower Beds, etc. Improves potting soil. *Per 100 lbs., \$2.00; per ton, \$3.50.*

AGRICULTURAL CHEMICALS

Plain Superphosphate or Acid Phosphate (16%). *Per 100 lbs. \$2.00; per ton, \$31.00.*

Nitrate of Soda (18.23% ammo.) *Per lb. 10¢; per 10 lbs. 60¢; per 100 lbs., \$5.00.*

Muriate of Potash (48% K₂O). *Per 100 lbs. \$3.00; per ton, \$60.*

Sulphate of Ammonia (24.50% ammo.). *Per lb. 10¢; per 10 lbs. 75¢; per 100 lbs. \$6.00; per ton, \$108.00.*

Ground Untreated Phosphate Rock (31.12% total phos. acid, 68% bone phos.). *Per 100 lbs. \$2.50; per ton, \$24.00.*

Fine Ground Land Plaster or Agricultural Gypsum. *Per bag, \$1.25; per ton, \$20.00.*

Kainite (12.4% K₂O). *Per 100 lbs. \$2.00; per ton, \$22.00.*

Ground Tankage (6% Ammo. 30% bone phos.). *Per 100 lbs., \$3.00; per ton, \$55.00.*

Ground Tankage (9% Ammo., 20% bone phos.). *Per 100 lbs., \$4.00; per ton, \$74.00.*

Blood Tankage (12% Ammo.). *Per 100 lbs. \$6.00; per ton, \$100.00*

Basic Slag Meal (16% Phos. Acid.). *Per 100 lbs., \$2.25; per ton, \$42.00.00*

IMPORTED FERTILIZERS**CLAY'S FERTILIZER**

A safe and reliable preparation. In great favour with successful gardeners in England. *Prices: 1/8 cwt., 14 lbs., \$2.25; 3/4 cwt., 28 lbs., \$4.00; 1/2 cwt., 56 lbs., \$8.00; 1 cwt., 112 lbs., \$15.00.*

THOMPSON'S VINE, PLANT, and VEGETABLE MANURE

A safe and reliable food and stimulant for every fruit-bearing plant, also for foliage and flowering plants and vegetables of all descriptions. *Prices: 14 lbs., \$2.25; 28 lbs., \$4.00; 56 lbs., \$8.00; 112 lbs., \$15.00.*

THOMPSON'S SPECIAL CHRYSANTHEMUM MANURE

Entirely soluble and very powerful, especially suitable for top-dressing chrysanthemums and similar plants. It is meant to be used as an additional stimulant during the growing season. A heaping dessert-spoon-full will be sufficient for a 10-inch pot, sprinkled over the surface of the soil, and watered in with tepid water. This may be given three times during the growing season. *Price: 14 lbs., \$2.25; 28 lbs., \$4.00; 56 lbs., \$7.00.*

THE MAPES MANURES

F. O. B. cars, Boston.

THE MAN BEHIND THE BAG

"The scientific men at the experiment stations have been studying the fertilizer problem for more than twenty years. They have unlocked many hard secrets, but all their digging over of facts only rubs one great truth brighter: '*The man behind the bag gives character to the analysis!*' The mere analysis printed on the bag tells only one part of the story. To buy safely one must go behind the bag, and know the character of the men who make the mixture. We have had dealings with the Mapes Fertilizing Company for many years. It is safe to buy their fertilizers, for 'the man behind the bag' aims at the crop. 'Mapes' means good mixture of the best chemicals. That name on the bag is fairly a part of the analysis—the earmarks of high quality—whether the mixture be for potatoes, grain, grass, corn, fruit or truck."

(From the *Rural New-Yorker*)

THE MAPES POTATO MANURE

Guaranteed Analysis: Ammonia, 4.50 to 5%; total Phosphoric Acid, 8 to 10%; available Phosphoric Acid, 7 to 9%; Soluble Potash, actual, 5 to 6%.

It is also well adapted to all vegetables at planting or any hoeing, particularly where starch and sugar formation is desired—superior quality of crop as well as large yield; also for sweet potatoes, asparagus, sweet corn, sugar beets, strawberries, and all small fruits—pears, grapes, etc.

The *Phosphoric Acid* and *Organic Nitrogen* are derived exclusively from animal bone, animal and organic matter. No Rock or Acid Phosphates used. The *Soluble Nitrogen* and *Ammonia* are in the form of high-grade Salts of Ammonia and Nitrogen. The *Potash* is in form of high-grade Salts of Potash.

Directions for Use: May be used in the hills or rows, mixing and covering with earth, provided it is scattered well. Scatter it down the rows, mix as thoroughly as possible in any manner which best commends itself—with plow, hoe, brush, sled, chain, etc. Use 800 pounds and upwards per acre on ordinary land. The quantity of this manure may be increased to one ton per acre, and this quantity is successfully used by many growers, particularly when potato crop is followed by wheat, grass, corn, etc.

Price: Per 100 lb. bag, \$3.25; per 200 lb. bag, \$6.25; per ton in 100-lb. bags, \$60.00.

MAPES TOP DRESSER

Ammonia, 10%; Phosphoric Acid, 6% (available, 4%); Soluble Potash, 2%. Use at the rate of 300 to 500 lbs. per acre. Comprised of the very highest grades of soluble fertilizer material. Highly recommended for dressing worn-out hay fields, pastures, lawns, and golf courses.

Price: \$4.50 per 100 lbs.; \$8.75 for 200 lbs.; \$84.00 per ton.

THE MAPES CORN MANURE

Guaranteed Analysis: Ammonia, 3 to 3.50%; total Phosphoric Acid, 10 to 12%; available Phosphoric Acid, 8 to 10%; Soluble Potash, actual, 3 to 4%.

For sweet corn, fodder corn, Hungarian grass, millet, late turnips, late cabbage, and seedling to grass.

Directions for Use: On heavy or average good land, particularly when stable manure is used broadcast, use 200 or 400 lbs. per acre, scattering well in and over hills and drills; on light lands, use broadcast 600 pounds per acre.

The best plan for securing good growth throughout the entire season and raising a large yield, is to broadcast the fertilizer evenly over the whole field after plowing, harrowing in. A portion of the fertilizer, say 200 to 400 pounds per acre, can be used in the hills, scattering well a small handful to each hill.

Application at any hoeing or disturbance of the soil has always worked well.

Price: \$3.00 per 100 lb. bag; 200 lb. bag, \$5.75; per ton in 100 lb. bags, \$54.00.

THE MAPES GENERAL TRUCK MANURE

Guaranteed Analysis: Ammonia, 5 to 6%; total Phosphoric Acid, 8 to 10%, (available, 6 to 8%); Soluble Potash, actual, 5 to 6%. For vegetables, truck, etc.

Quantities for Use per Acre

	Pounds
Potatoes—Irish or sweet.....	600 to 1,000
Onion, truck.....	1,000 to 2,000
Asparagus, new beds.....	1,000 to 1,600
Asparagus, old beds.....	600 to 1,000
Sweet corn.....	400 to 800
Orchards.....	400 to 600
Grass top dressing.....	400 to 600
Oats.....	200 to 400
Seeding to grass.....	600 to 800
Strawberries and small fruits.....	600 to 800

Also for cranberries, tomatoes, melons, early turnips, millet, all Summer crops, etc. May also be applied to all hoe crops at any hoeing, strewing between the rows. There is no loss in strength in this manure from exposure on the surface of the ground.

Price: \$3.50 per 100 lb. bag; 200 lb. bag, \$6.75; per ton in 100 lb. bags, \$64.00.

Two Special Fertilizers

for Golf Clubs, Polo Fields, & Lawns

In both of these fertilizers a high percentage of nitrogen has been provided, but in forms and proportions best adapted to the particular needs of each. Both fertilizers contain a certain amount of available phosphoric acid and potash without which the grasses are unable to make their best growth but the amounts are limited for the purpose of avoiding undue stimulation of clover.

In preparing *Grade A* for Putting Greens, the percentage of potash and phosphoric acid is reduced to the minimum limit necessary to ensure the successful growth of the grasses.

In preparing *Grade B* for Fairways, particular attention has been given to the production of a fertilizer which will not make the soil so acid as to prevent the successful growth of Kentucky Blue Grass and other desirable lawn and fairway grasses; and yet care has been taken to avoid the other extreme, for alkaline conditions encourage the growth of the dandelions, common plantain, narrow-leaved plantain, mouse-ear, chickweed, and other objectionable kinds of herbage.

Grade A Brand for Putting Greens contains 8% Ammonia, 4% Phosphoric Acid, and 2% Potash. *Price:* per 100 lbs., \$6.00; per ton, \$95.00.

Grade B Brand for Fairways contains 8% Ammonia, 5% Phosphoric Acid, and 3% Potash. *Price:* per 100 lbs., \$6.00; per ton, \$95.00.

Richard's Worm Killing Powder

Imported especially for Golf Clubs

A well known English Insecticide for instantly removing earth worms from lawns, and putting greens. Non-poisonous to animal and bird life; does not injure the grass. By some it is claimed that the powder will improve and fertilize the grass. Full directions accompany the insecticide.

Per bag of $\frac{1}{4}$ cwt. (14 lbs.) \$1.50; Per cwt. (112 lbs.) \$8.00.



A Crop of Potatoes Grown on Our Fertilizers at Limestone, Maine.

Back up Breck's Seeds *with* Bradley's Fertilizers

GOOD SEED ought to be backed up with good fertilizer. It is using good farm sense to do a good job with plow and harrow and then get the full benefit of it by planting selected seed and complete available fertilizers.

Bradley's have been

For Over 50 Years the Standard

Prices for Shipment Spring 1924

	Ammo.	Av. Phos. Acid	Potash	Price per 100 lb.	Price per ton
Bradley's Hercules Top Dresser.....	8	6	6	\$81.00	\$4.50
Bradley's Complete Manure for Top Dressing Grass and Grain.....	6	6	4	68.00	4.00
Bradley's Blood, Bone, and Potash.....	5	8	7	67.00	3.75
Bradley's Complete Manure for Potatoes and Vegetables..	4	8	7	64.00	3.75
Bradley's Complete Manure 10% Potash.....	4	6	10	64.00	3.75
Bradley's Northland Potato Grower.....	4	8	4	60.00	3.50
Bradley's Potato Fertilizer.....	2	8	3	50.00	3.00
Bradley's Corn Phosphate.....	2	8	2	50.00	3.00
Bradley's Eclipse Phosphate.....	1	8	2	42.00	2.75

All in 100 lb. bags, F. O. B. Boston. Special Prices quoted on carload lots.

INSECTICIDES & FUNGICIDES

Poison Sprays and Dusting Powders for the Destruction of Leaf-eating Insects

Corona Dry Arsenate of Lead, Pyrox, Rogers' Leaded Bordo, Paris Green, Slug Shot, Bug Death, Hellebore.

"CORONA DRY" ARSENATE OF LEAD

A pure Arsenate of Lead containing 33% arsenic oxide, absolutely chemically combined with lead and the lowest percentage of "free" or water soluble arsenic. It is the ideal compound for spraying potatoes because it has the quality of quick poisoning. Its superior suspension gives even application; it is absolutely safe from "burning." It covers thoroughly and sticks to the foliage. It mixes easily and readily in water. No working up to prepare for the spray tank. No straining. It is only necessary to shake the proportional amount into the spray tank. By using the same weight each time you spray, your mixture is always the same strength. No guess work. Standardization alone is worth the price. No freight to pay on water; cannot freeze, dry out, cake, or lose its strength.

$\frac{1}{2}$ -lb. package.....Each, \$0.30. 5-lb. package. Per lb., \$0.33.
1-lb. package.....Each, .45. 25-lb. package. Per lb., .33.

ROGERS LEADED BORDO

A combination of the dry-mixture material with arsenate of lead, producing a mixture to use both against the leaf-eating insect and blight. Extremely effective on fruits and vegetables, particularly apples. Put up in dry form, it retains its full strength.

$\frac{1}{2}$ -lb. packages.....Each, \$0.30. 25-lb. packages. Per lb., \$0.35.
1-lb. packages.....Each, .50. 50-lb. packages. Per lb., .29.
5-lb. packages.....Per lb., .40. 100-lb. packages. Per lb., .27.

PYROX

A combined insecticide and fungicide for leaf-eating insects and fungus diseases. The best and safest material to use for spraying fruit trees, potato and tomato vines, cucumbers, cabbage, currant bushes, shrubs, roses, etc. Keeps the foliage green and healthy and free from bugs and worms throughout the growing season. "Sticks like paint" in spite of heavy rains. All ready to use by adding water.

1-lb. can.....Each, \$0.50. 50-lb. cans.....Each, \$11.25.
5-lb. cans.....Each, 1.75. 100-lb. cans.....Each, 18.00.
10-lb. cans.....Each, 3.00. 300-lb. barrels.....Each, 51.00.
25-lb. cans.....Each, 6.25.

Sprays and Dusting Powders to prevent Fungus Diseases

Corona Dry Bordeaux
Corona Dusting Sulphur

Pyrox*
Fungine
Flowers of Sulphur

Dry Lime Sulphur
Sulco V. B.

Hammond's Grape Dust
Hammond's Copper Solution

Roger's Leaded Bordo*
Sulphate of Copper

*Listed Elsewhere.

CORONA DRY BORDEAUX MIXTURE

Bordeaux Mixture is a spraying compound and the standard remedy for fungus diseases. The home-made freshly prepared Bordeaux compounded on one of the standard formulas has been the most efficacious product that could be used by commercial orchardists and potato growers. In the home garden it may be used dry as well as in liquid form and is needed for regular use the season through. Corona Dry Bordeaux Mixture is the result of extensive experiments to retain the values of the freshly prepared substance to the fullest extent. The intense greenish-blue colour of the freshly prepared mixture has been retained to a large degree. Dusting Sulphur can often be substituted for Dry Bordeaux especially in combating Mildew wherever found, as well as in the greenhouse. This substitution is recommended when possible, particularly on flowers and roses because the Dusting Sulphur does not stain the foliage.

$\frac{1}{2}$ -lb packages. Each, \$0.20. 5-lb. packages. Per lb., \$0.25.
1-lb. packages. Each, .30. 25-lb. packages. Per lb., .22.

PARIS GREEN — Guaranteed Pure

This is the highest grade of Paris Green it is possible to make.
 $\frac{1}{4}$ -lb. \$0.25. 1-lb. \$0.60.
 $\frac{1}{2}$ -lb.35.

SLUG SHOT

Acts not only as an insect destroyer, but it is an excellent fertilizer as well.

1-lb. boxes.....Each, \$0.20. 10-lb. packages...Each, \$1.15.
5-lb. packages.....Each, .60. In barrels of about 225 lbs.,
per lb., 9¢.

BUG DEATH

A patented non-poisonous powder, effective against potato, squash, and cucumber bugs, currant and tomato worms, also other plant and vine-eating pests. If used according to directions injury cannot result to the most tender plants and it has a tendency to assist growth. Bug Death may be applied dry in a shaker or mixed with water and sprayed.

1-lb. boxes.....Each, \$0.25. 12 $\frac{1}{2}$ -lb. boxes...Each, \$1.50.
3-lb. boxes.....Each, .50. 100-lb. drums...Each, 8.50.
5-lb. boxes.....Each, .75.

HELLEBORE

Finely ground, pure Hellebore, for use against rose slugs, currant worms, cabbage worms, etc.

$\frac{1}{4}$ -lb. packages.....each, \$0.20. 1-lb. packages.....each, \$0.55.
 $\frac{1}{2}$ -lb. packages.....each, .30.

DICKEY'S BUG DEATH SHAKER

The best thing of its kind yet offered. Every person who has a garden will want one. Price, 50¢. Net.

THE ACRE-AN-HOUR SIFTER

Is ideal for applying Bug Death Dry. Easy to operate and gives a quick covering to all plants and vines requiring a top application. Price, \$1.00 each. Net.

CORONA DUSTING SULPHUR for FUNGUS PESTS

Pure refined superfine flour sulphur—no other ingredients—especially prepared for dusting. Can often be substituted for Dry Bordeaux.

1-lb. can.....Each, \$0.20. 25-lb. drums....Per lb., \$0.09.
5-lb. cans.....Per lb., .15. 100-lb. drums....Per lb., .07.

FUNGINE

A remedy for mildew, rust, bench rot and other fungi affecting flowers and vegetable plants.

$\frac{1}{2}$ -pt. cans.....Each, \$0.40. 1-qt. cans.....Each, \$1.00.
1-pt. cans.....Each, .65. 1-gal. cans.....Each, \$3.50.

Spraying Apparatus, Powder Bellows and Dusters
will be found on pages 189 to 191.

DRY LIME SULPHUR

Safe and effective not only as a dormant spray but also as a Summer spray in combination with Arsenate of Lead. Tested by experiment stations and found superior to all dry compounds on the market, in safety and in effectiveness.

From 12 to 14 pounds of Dry Powdered Lime Sulphur dissolved in 50 gallons of water should be used as a dormant spray against scale, etc.

From 2 to 3 pounds to 50 gallons of water in combination with the usual preparation of Dry Powdered Arsenate of Lead or Paste Arsenate of Lead should be used for Summer spraying on all seed fruits such as apples, pears, quinces, etc.

From 1 to 1½ pounds to 50 gallons of water in combination with the usual strength of Arsenate of Lead should be used for Summer spraying of peaches, plums and all stone fruits.

1-lb. packages.....Each, \$0.35. 25-lb. packages...Per lb. \$0.17.
5-lb. packages.....Per lb., .30. 100-lb. kegs.....Per lb. .15.
10-lb. packages....Per lb., .25.

Contact Sprays and Dusting Powders for the Destruction and Control of Sucking Insects including Scale

"Black Leaf 40"
Dysect
Fish Oil Soap
Nikoteen
Sulco-VB*

Concentrated Lime Sulphur (Dormant Spray)
Tobacco Dust
Wilson's O. K. Plant Spray
Sulpho Tobacco Soap
Dry Lime Sulphur* (Dormant Spray)

*Listed Elsewhere.

Lotol
Secalecide
Aphine

Imperial Soap Spray
Lemon Oil
Melrosine
XL All Liquid Insecticide

"BLACK LEAF 40"

A concentrated solution of Nicotine sulphate. Active ingredient, Nicotine 40%. For spraying fruit trees to destroy soft-bodied sucking insects. Each sucking insect must be "hit" by spray to be affected. Against Green and Rosy apple Aphis, Pear psylla, Hop louse, etc., 1 fluid ounce "Black Leaf 40" to eight gallons water. Against Black Aphis, Wooly Aphis, one fluid ounce "Black Leaf 40" to 6 gallons water. Add soap as follows: One pound of good laundry or fish-oil soap to each thirty gallons water, which lessens formation of drops and gives better penetration. Dissolve the soap in the water before adding "Black Leaf 40." Keep solution well stirred while spraying. Full directions for all uses attached to every can.

1-oz. bottle.....Each, \$0.35 ½-lb. can.....Each, 3.50
½-lb. can.....Each, 1.25 10-lb. can.....Each, 13.50

APHINE

Most effective against all sucking insects, infesting flowers, foliage, fruits, and vegetables. Can be used as a spray, wash, or dip. ½-pt. cans.....Each, \$0.35 1-qt. cans.....Each, \$1.00
½-pt. cans.....Each, .40 1-gal. cans.....Each, 3.00
1-pt. cans.....Each, .65

CONCENTRATED LIME SULPHUR
(Liquid)

Kills San Jose scale. Dilute with cold water—1 gallon makes 10 gallons of spray. Spray when trees are dormant.

1 qt., 50¢; 1 gal., 90¢; 5 gal., \$3.50.

NIKOTEEN

A powerful insecticide for spraying or fumigating against plant lice of all kinds. 30% Tobacco Extract in highly concentrated form. Pint bottles, each, \$2.50.

SCALECIDE (WITH FUNGICIDE)

A reliable, simple and economical spray for San Jose Scale. Brown Scale, Red Scale, Cottony Maple Scale, Pear Psylla, Rust Mite, White Fly, and many other scale and soft-bodied sucking insects. Scalecide is not an emulsion, but a soluble miscible oil that mixes

SULCO-VB

Recommended for a Fall spray after trees are dormant, against scale, pear psylla, and fungus spores. Keeps the trees healthy, resulting in better fruit. Special spraying catalogue sent on request. Quart cans, 65¢; 1-gal. cans, \$2.00; 5-gal. cans, \$8.50.

HAMMOND'S GRAPE DUST

Destroys mildew on grape vines. Can also be used in the garden for mold, mildew, or rust mites. Per 5-lb. package, \$1.00.

HAMMOND'S COPPER SOLUTION

Controls "Black Spot" on Roses. Also used to prevent mildew blight, and rust on flowers, fruit, and vegetables. To be diluted 75 times with water and sprayed. The finer the spray the more satisfactory the control. Per 1 quart cans, \$1.50; per 1 gallon cans, \$4.50.

FLOWERS OF SULPHUR

Used to prevent and cure mildew on plants.

1 lb.....\$0.12 100 lbs.....\$8.00

SULPHATE OF COPPER—Blue Stone

1 lb. \$0.12 100 lbs.,.....\$10.00

instantly with cold water and stays mixed. We believe it to be more effective than any other soap or oil emulsion, and if used as directed will not injure the trees. Spray thoroughly or not at all, using finest nozzle. Fogging is better than drenching. Full directions for use accompany each package.

Quart cans.....Each, \$0.60 30-gal. cans.....Each, \$28.00
1-gal. cans.....Each, 1.45 50-gal. cans.....Each, 39.50
5-gal. cans.....Each, 6.45

"GOLD LEAF" TOBACCO DUST

A high-grade Tobacco Dust of special manufacture. Finely pulverized, of uniform texture, for dusting on plants or for fumigating. Packed in paper-lined burlap sacks. Guaranteed to contain not less than 1% Nicotine by weight, dry basis. Prices: 100 lbs., \$6.00; 25 lbs., \$1.75; 1 lb., 10¢.

MELROSINE

A real remedy for Rose Bug troubles. Highly concentrated liquid insecticide which diluted for use with from 20 to 25 parts of water effectively destroys Rose Bugs as well as minor insects found on roses and many other plants. Does not blemish the flowers or leaves—harmless to human beings and domestic animals. Free from any disagreeable odour.

Pint cans.....Each, \$1.00 Half-gallon cans. Each, \$3.25
Quart cans.....Each, 1.75 One-gallon cans. Each, 6.00

LOTOL

A new form of Contact Insecticide. This makes an effective spray for many species of Aphis (Plant Lice) and for many other insect pests, especially of the sucking species. It is also effective for the dipping of plants before setting out, to cleanse and disinfect them, and to combat some of the root insects. When the insects are of the strongly resistant species, or appear in great numbers, it is advisable to make the solution double-strength, while in mild cases one teaspoonful of Lotol to 5 or 6 quarts of water will frequently suffice. The 1 ounce tube contains 6 teaspoonfuls as usually measured, and will make from 3 to 8 or more gallons, in accordance with the proportions used.

1-ounce tube.....Each, \$0.35 1-lb. can.....Each, \$2.25
3-ounce tube.....Each, .75 5-lb. can.....Each, 9.00
Half-lb. can.....Each, 1.25 10-lb. can.....Each, 15.00

The 1-ounce tube sent postpaid for 45¢.

LEMON OIL

An oil that is readily soluble in water. It destroys insects and parasites of all kinds without injury to plants. Much used for palms and other ornamental foliage plants. 1 pint, 60¢; 1 quart, \$1.00; 1 gallon, \$3.00.

IMPERIAL SOAP SPRAY

Contains no mineral poisons, but does contain vegetable poisons, harmless to plants, but peculiarly effective against Red Spider on fruit, etc., Rose Bug, White, Black, and Green Fly, Mealy Bug, Thrip, Aphis and other insect pests on fruits, flowers, and foliage. It sticks but can easily be washed off fruit before marketing. It does not spot leaves. Harmless to animals eating orchard grass. Large used for general tree and shrub spraying against elm-leaf beetle, etc.

Quart. Each, \$0.65 5-gallon cans. Each, \$9.00
Gallon. Each, 2.20 10-gallon cans. Each, 17.25

FISH OIL SOAP

This is for the destruction of San Jose scale and all sucking insects.

1-lb. packages. \$0.20 10-lb. packages. \$1.75
5-lb packages.95 Per 100 lbs. 15.00

Special prices on kegs and casks.

SULPHO TOBACCO SOAP

A superior insecticide and fertilizer. Non-injurious to the tenderest growth. Kills all insect life in the window-garden. Unsurpassed for rose bushes. For domestic purposes it is valuable as an exterminator of Moths, Cockroaches, Carpet Bugs, and is a superior wash for dogs and all other animals.

3-oz. cake. \$0.10 8-oz. cake. \$0.20

XL ALL LIQUID INSECTICIDE

Of English manufacture. A combination of oil, soda soap and Nicotine. Used as a spray or dip for use against green and black flies, thrip, and for brown or white scale. Full directions for use on packages.

1 pint. Each, \$1.50 $\frac{1}{2}$ gallon. Each, \$5.50
1 quart. Each, 3.00 1 gallon. Each, 10.00

Fumigants for Greenhouse Use

"Nico-Fume" Paper, "Nico-Fume" Liquid, "Nico-Fume" Tobacco Powder, Aphis Punk, Tobacco Stems, Tobacco Dust.*

*Listed Elsewhere.

"NICO-FUME" PAPER

Is especially effective against Aphis ("Green Fly" and "Black Fly") and against all insects affected by tobacco. "Nico-Fume" is packed in special friction-top tins and is sold as follows: 24 sheets for \$1.25; 144 sheets for \$5.50; 288 sheets for \$10.00.

"NICO-FUME" LIQUID

$\frac{1}{4}$ -lb. can. \$0.75 4-lb. can. \$8.00
1-lb. can. 2.25 8-lb. can. 15.00

"NICO-FUME" TOBACCO POWDER

A poison. For fumigating Greenhouses. Active ingredients, Nicotine, not less than 12.5%. Full directions with each can. Prices: 1 lb. can, \$1.25; 5 lb. can, \$4.75; 10 lb. can, \$8.50.

Miscellaneous Sprays, Liquids, Powders, etc., for the Control and Destruction of Insect, Animal and other Pests

CREOSOTE MIXTURE

This mixture is sure death to the eggs of the Gypsy Moth, Tissoc Moth and similar insects. Made on the formula used for years, and recommended by the Massachusetts Gypsy Moth Committee.

1 quart. Each, \$0.45 5 gallon cans Per Gal., \$0.85
1 gallon. Each, 1.10 50 gallon barrel Per Gal., .75

FORMALDEHYDE

Solution 40% (Poison). Used to prevent potato scab. Full directions for use accompany bottle. Sold in pound bottles only at 50¢ lb.

DY-SECT

Dy-Sect is a highly concentrated insecticide. It should always be diluted before use. Vary the strength in accordance with the number of the infesting insects, but never use stronger than 1 to 30. For Rose Bugs, Beetles, Curculio, and Hard Bodied Insects, use 1 part Dy-Sect with 30 parts water. It is always better to spray during the hot part of sunny days, but this is not essential. Be sure to spray all parts of the plant, on both over and under side. It will be found advisable at times to dilute with twice as much water and to soak the ground thoroughly around the infested plants. This will kill the larvæ in the soil, particularly in the case of Rose Bugs. For Aphis (Plant Lice), Thrip, Leaf Hopper, Green Fly, Red Spider, and Soft Bodied Insects, use 1 part Dy-Sect with 30 to 50 parts water. Be sure to soak the parts thoroughly, especially those affected by mealy bugs and Red Spider. Dy-Sect can generally be used in weaker solutions in the greenhouse than outdoors. Above directions are for outdoor spray. It is highly recommended for young truck crops, flowers and grapes.

4-ounce bottle. Each, \$0.30 $\frac{1}{2}$ gallon. Each, \$3.25
1 pint. Each, 1.00 1 gallon. Each, 6.00
1 quart. Each, 1.75

WILSON'S O. K. PLANT SPRAY

A harmless yet powerful and efficient insecticide; for greenhouse use as well as out-of-doors. O. K. Plant Spray, in concentrated form, is used by the leading gardeners throughout the country with uniformly satisfactory results. It is unsurpassed for evergreens that are affected with Red Spider or other insects, and as a general Summer spray is excellent. For Palms, Orchids, Catleyas, Cypripediums and other flowering and decorative plants O. K. Plant Spray is especially recommended where immediate results are desired. As a fungicide and destroyer of low animal and vegetable life it is safe and speedy. It dries immediately after application, and there is nothing in it harmful to the most delicate plants, when properly applied according to directions. As a spray for Evergreens and Annuals, it not only kills Red Spider, but removes scale, leaving the plants clean and lustrous, and causing them to take on a healthy colour and a vigorous, hardy growth. 1 quart cans, each, \$1.00; 1 gallon cans, each, \$3.00; 5 gallon cans, each, \$10.00.

APHIS PUNK

Fumigating paper saturated with Nicotine for controlling thrip and aphis in greenhouses and conservatories.

Package containing 12 rolls of paper, each, \$1.00.

TOBACCO STEMS

For fumigating. If used as a mulch around sweet peas and other plants, they prevent the destructive work of the wire and cut worms. 1 lb. for \$0.05; 30-lb sack for \$1.25; 100-lb. sack for \$4.00.

PARACIDE

(A Trade Name for Para-Dichlor-Benzene)

A remedy against Peach Tree Borer and for Peach Trees only. A dry powder to be placed in a circle about two inches from the trunk, then covered with dirt. The only safe way. Fall application best. Full directions for use with each package. Sold in 1 lb. packages only. Per lb., 60¢.

VERMINE

Destroys white grub, cut and eel worms, slugs, maggots, root lice and ants. For greenhouses, gardens, lawns, tennis courts, and golf greens.

$\frac{1}{4}$ -pt. cans. \$0.25 1-qt. cans. \$1.00
 $\frac{1}{2}$ -pt. cans.40 1-gal. cans. 3.00
1-pt. cans.65

BON ARBOR ANT DESTROYER

A most effective preparation for destroying and driving away ants infesting lawns, tennis courts, and golf courses. Usually about 3 days are required to get rid of the ants and about three applications are necessary. Follow directions on package carefully.

1-lb. packages.....Each, \$0.60 5-lb. cans.....Each, \$2.75

READE'S ELECTRIC WORM and ANT DESTROYER

A most effective and quick-acting liquid preparation, which will destroy earth worms, ants, and other soil pests. Add a gallon to 120 gallons of water, mix well; apply carefully and thoroughly with an ordinary watering pot. All Golf green keepers should have a supply on hand.

1-gal. kegs. Each, \$4.00 10-gal. kegs. Per Keg, \$34.00
5-gal. kegs. Per Gal., 3.50

STERLINGWORTH CUT-WORM KILLER

A powder for sprinkling near the vegetation to be protected, and is so alluring to Cut-Worms that they are irresistibly attracted to it. It is non-poisonous, and birds, fowl, and pets that eat the dead Cut-Worms are not killed. Do not use poison for killing Cut-Worms—you may poison insect-eating birds. One pound protects 175 plants in hills, and 150 linear feet when in rows. Supply limited. 1-lb. box, each, \$0.30; 5-lb. tins, each, \$1.25. 24-lb. drums, each, \$5.00.

VAPORITE

A fine, dry powder, most effective for killing ants, beetles, wireworms, cut-worms and similar insects, in the garden soil. To destroy ants one should dust the Vaporite over the ground near the largest ant hills and runs, then wet the insecticide down thoroughly with hose or watering pot, that it may be driven as far into the soil as possible. To use it most effectively against the cut-worm, Vaporite should be thoroughly worked into the surface soil 5 or 6 days before planting time.

1 lb. each, \$0.15; 5-lb. cans, each, \$0.50; 100-lb. cans, each, \$10.00.

BRECK'S VICTOR FLY DRIVER

Safe to use, thoroughly effective and the best preparation on the market. Put up in 1-gal. cans only.

1-gal. can. Each, \$1.50 Case of 1 doz. cans for \$14.00

FLYOSAN

A liquid to be used with a sprayer, forming a gas that kills Flies, Mosquitoes, Moths, Fleas, etc., in the house. Also kills Flies on Horses and Cattle, Lice and Fleas on Cats, Dogs, Chickens, and Hogs. *Non-poisonous and non-explosive.* Pint cans, 75¢; qt., \$1.25; gal., \$4.00; 5 gal. \$15.00.

FLY-A-WAY

A modern spray for flies. Will not stain the hair. Colourless preparation, pleasant odour, will effectually keep flies from torturing your farm animals. Will not gum, blister, or take off the hair; will not discolour a white cow. Sold on manufacturer's positive guarantee. Per Gal., \$1.50. Special price on larger lots.

WILL-KILL-FLIES

Guaranteed to kill many forms of insects and vermin. Highly recommended as a Fly Spray. It will do all that is claimed for it. For external use only. Per gal., \$1.50.

TOXOL

A non-poisonous and non-explosive liquid. Kills Flies, Mosquitoes, Lice, Spiders, Water Bugs and other insects. Prices: pint can, 65¢; quart can, \$1.10; half gal. can, \$1.95; gallon can, \$3.50.

IN-A-MINUTE

Killer of roaches, hen lice, ants in the house, and also bed bugs, etc. Non-explosive, non-staining, and non-poisonous. Per bottle, 40¢.

CREONOID

Lice destroyer and cow spray. An up-to-date antiseptic preparation made from coal tar. Creonoid stands for animal comfort. Follow directions on can carefully. Stock tormented with flies cannot make flesh or milk. Keeping the flies off may mean the difference between profit and loss. Cows sprayed with Creonoid just before milking are quiet and give better yields of milk, because the flies are kept away. Try it and see the results for yourself.

Per gallon.....\$1.45 1/2 barrels....Per gal., \$0.95
5 or 10-gal. cans. Per gal., 1.00 Barrels.....Per gal., .93

TREE TANGLEFOOT

A perfect safeguard for trees, vines, and shrubs against Gypsy, Brown-tail and Tussock Moth, Canker Worm, Cut Worm, Ants, and other creeping insects. Do not heat it but apply it directly from the can.

1-lb. can.Each, \$0.50 10-lb. cans.....Each, \$4.25
5-lb. cans.....Each, 2.25 20-lb. cans.....Each, 8.00

TREE BURLAP

For girding trees, 10 inches wide. *Per yard, 5¢; in 100-yard lots, 4¢ per yard.*

STERLINGWORTH ANTI-CROW CORN OIL

A non-poisonous oil for protecting newly planted corn from crows and black-birds. Do not kill the crows—They eat bugs. Corn treated with this Oil will run through a seeder. Better than tar. 1-pint cans, 35¢; 1-qt. cans, 60¢; 1-gal. cans, \$1.50.

STANLEY'S CROW REPELLENT

Prevents crows, other birds, and animal pests from pulling corn. Protects corn from rot caused by moisture. Does not clog planter. Has been successfully used for over 10 years. Small cans enough for 1 bushel corn, \$1.00; large cans enough for 2 bushels corn, \$1.50.



A scientific destroyer of Rats, Mice, and Rodents. Harmless to human beings and all animals not rodents. *It is not a poison.* Prepare by adding fresh water and salt to the virus, then place on bread or cheese, meat scraps, or cooked potatoes. Full directions with each package. In packages only. Price, 75¢ each.

RAT CORN

Rat corn will kill rats and mice. It is safe, sane, and sanitary; rats die in their nests. You find no dead ones around, no odour and no danger of being infected as you do not have to handle dead rats to bury them when killed with Rat Corn. Start to use Rat Corn now before it is too late. Sold in 25 cent, 50 cent and \$1.00 packages. Sent postpaid on receipt of price.

MACDOUGALL'S SHEEP DIP

An effective non-poisonous preparation in liquid form for dilution with water, for killing vermine on Sheep, Cattle, and other domestic animals.

Per lb., 75¢. One-half gallon, \$2.50. One gallon, \$4.00.

COOPER'S DIPPING POWDER

A Sheep Dip which kills all the ticks with a single dipping. Small package, makes 25 gallons.....Each, \$0.50 Large package makes 100 gallons.....Each, 2.00

MILKOL

Recommended by the Department of Agriculture for use with all arsenical sprays, thereby preventing Bees from working on sprayed trees and being killed by the poison. Milkol is also a disinfectant.

1/2 gallon, 85¢; 1 gallon, \$1.65; 5 gallons, \$7.50.

DOLGE WEED KILLER

Do it chemically. Easy as sprinkling. A minute a day keeps the weeds away. Kills all growth.

1 qt. can enough for	10 gals. \$0.60
1 gal. can enough for	40 gals. 1.75
5 gal. can enough for	200 gals. 6.75
10 gal. can enough for	400 gals. 12.50
30 gal. bbl. enough for	1200 gals. 33.00
50 gal. bbl. enough for	2000 gals. 47.50

HERBICIDE

A powerful chemical solution for destroying undesirable vegetation of all kinds. Dilution: 1 gallon of Herbicide to 40 gallons of water. It is recommended for roadways, paths, gutters, and tennis-courts.

1 quart.	Each, \$0.70	30-gallon Drums. Each, \$33.00
1-gallon can.	Each, 2.00	50-gallon barrels. Each, 50.00
5-gallon can.	Each, 8.00	

SPRAYING CALENDAR

This Calendar, based upon the recommendations of the Agricultural Colleges and Experiment Stations of the country, is a brief guide for the general treatment of insect pests and plant diseases.

Timeliness is one of the greatest factors in the control of diseases and pests; in order to spray intelligently, that is, to strike at the proper time, one should know at least the main facts in the life-history of the insect or disease sprayed against. Moreover, it will pay to remember that, for nearly all fungous diseases and some insects, spraying is a preventive, and to be most effective must be done at the time when attacks may be expected, without waiting for the enemy to become apparent.

Spray only on clear, sunny days and finish the work early in the afternoon, so that the application will dry rapidly and before dew falls. Spray evenly and thoroughly, using ample pressure and a nozzle that throws a fine mist, but do not continue until the foliage drips. Never spray when the trees are in blossom.

In general terms

POISONS, such as Arsenate of Lead, are used to control leaf-eating insects. Examples:—Canker Worm, Potato Beetle.

CONTACT INSECTICIDES, such as Tobacco Extracts, Soap Sprays, etc., are used in fighting sucking insects. Examples:—Plant Lice, Squash Stink-bug. Sucking insects will not be killed unless they are hit by the spray.

Bordeaux Mixture and Lime-Sulfur are for use against plant **DISEASES**.

Plant	Enemy	Spray	1st Application	2d Application	3d Application
Apple	Aphis	Black Leaf 40 in conjunction with Arsenate of Lead.	When buds show pink	in conjunction with spray for scab.	10 days later
	Bud Moth	Arsenate of Lead and Bordeaux (Lime-Dry Lime Sulphur 1-50)	Just before blossoms open		
	Coddling Moth			Immediately after petals fall	
	Scab				If badly infested make both applications
	Curculio	Lime Sulphur or Scaleicide as dormant spray.	Autumn after leaves have fallen	Early Spring before leaf buds swell.	
Cabbage Cauliflower	San Jose Scale				
	Green Worms	Arsenate of Lead, if plants are not heading.	If heading, apply Hellebore		
Carnation	Red Spider	Clear Water	Syringe off the plants 3 times a week, being careful not to drench the beds	In the greenhouse once in 2 weeks	
	Rust	Copper-Sulphate 1 lb. to 20 gals. water			
Cucumber Melon Squash	Wilt	Bordeaux	Middle of July	10 days later	
	Mildew	Heavy application of Tobacco Dust.			
	Striped Beetle Borer	Bordeaux	Keep the vines well sprayed to make them distasteful to the beetles		
Currant Gooseberry	Currant Worm	Arsenate of Lead and Bordeaux	As soon as worms appear	Use Hellebore after fruit is half grown	
	Mildew	Bordeaux	Before leaf buds open		
Grape	Rose Chafer		Melrosine when pest appears	Repeat if necessary	
	Flea-beetle Mildew	Arsenate of Lead Bordeaux	Before blossoms open	When fruit has set	2 weeks later
Peach and Apricot	San Jose Scale	(See under Apple)			
	Peach Leaf-curl	Lime-sulfur or Bordeaux	Dormant season before buds swell		
	Curculio	Arsenate of Lead	When shucks are shedding from the young fruit	One month after petals fall	
	Scab and Brown Rot	Dry Lime Sulphur 1-50.	One month after petals fall	One month before fruit ripens	
Pear	Psylla	Tobacco extract Lime Sulphur or Scaleicide as delayed dormant spray.	After blossoms fall	5 to 7 days later	
	Coddling moth Scab Scale	(See under Apple)			
Plum	Curculio	Arsenate of lead	Just after blossoms fall	1 week later	
	Fungous diseases	(See under Peach)			
Potato	Scab	Soak seed before cutting 30 minutes in Formaldehyde. Plant in clean soil			Repeat every 2 or 3 weeks; omitting arsenate of lead if beetles are not in evidence. Wet spells followed by hot weather are favorable to development of rot and blight
	Beetles Blight or Rot	Arsenate of Lead and Bordeaux	When plants are 6 or 8 inches high	2 weeks later	
	Aphis	Black Leaf 40 as contact spray.			
Raspberry Blackberry Dewberry	Anthracnose	Bordeaux	When new canes are 6 inches high	2 weeks later	
	Red Rust	Dig up and burn all infected plants			
Rose	Rose-chafers	Melrosine.	When beetles appear	Repeat when necessary	
	Black spot	Copper solution	As soon as spots appear	Repeat when necessary	
	Mildew	Flowers of sulfur	Pear	Dust every 10 days if necessary	
Strawberry	Leaf spot or rust	Bordeaux	3 or 4 times during the season		

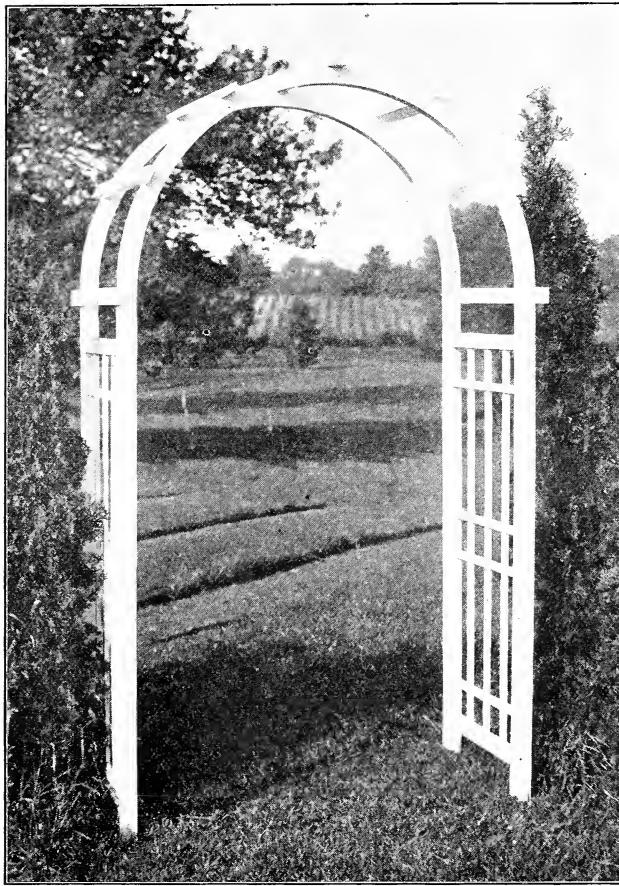
For Plant Lice (Aphids) use Tobacco Extracts or Soap Sprays on all Plants

GARDEN FURNITURE

MADE AT LEXINGTON BY

Breck's Nurseries

Special Descriptive Pamphlet sent free on request



ROSE ARCH No. 2

Span 4 feet, depth 24 inches, height 7 feet 8 inches. In White or Green
Price: \$25.00 each



ROSE ARCH No. 4

Span 4 feet, depth 12 inches, height 7 feet 8 inches
White or Green. Price: \$18.00 each
With lattice side panels, \$20.00 each

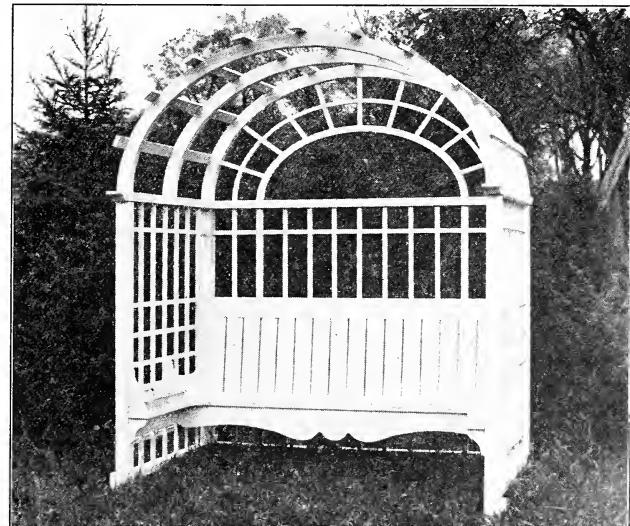
Breck's Nursery Shops

are especially equipped for the production of the furnishings and accessories always needed to give the finishing touches to the flower garden or home grounds.

A few of the more simple articles are here illustrated, most of which are in stock for delivery at short notice; but much of our work consists of special pieces made to order from original designs.

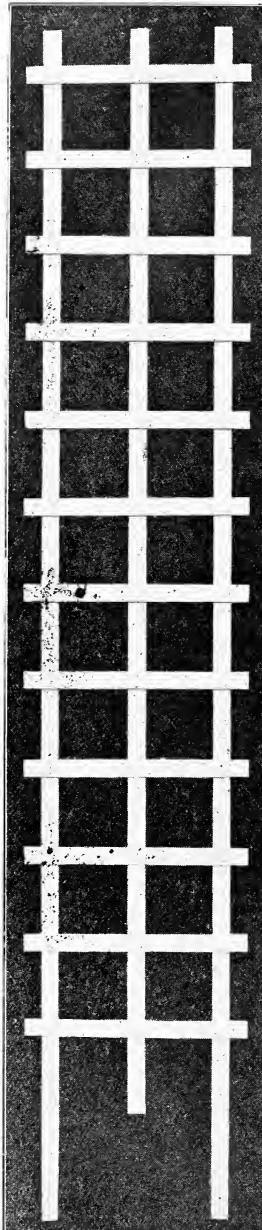
Sketches and estimates are gladly furnished

The arbor illustrated at right is especially beautiful and practical, with its broad seat and convenient racks for books or magazines. *In stock for prompt delivery.*



SPECIAL ARBOR and SEAT

Price: \$125.00 each



PLAIN LATTICE TRELLIS

Painted white or green, width, 18 inches. Special sizes and colours made to order at moderate prices.

Size	Each
6 ft.....	\$3.00
7 ft.....	3.50
8 ft.....	4.00
9 ft.....	4.50
10 ft.....	5.00
11 ft.....	5.50
12 ft.....	6.00



WINDOW or PORCH BOX

Well made of Cypress, painted green or white. A desirable box for flowers or evergreens, suitable for indoor or outdoor use. Outside dimensions are given.

Length	Height	Width	Each
25½ in.	8 in.	10 in.	\$4.00
37½ in.	8 in.	10 in.	5.00
49½ in.	9½ in.	10¾ in.	6.00

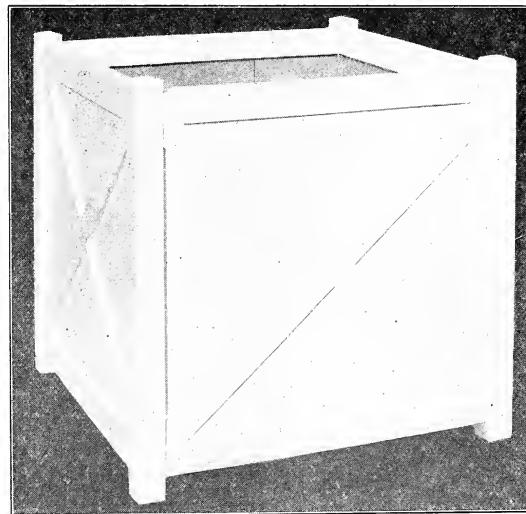


TAPERED SQUARE PLANT TUB

White or Green; top, outside, 15 in.; \$5.50 each. Special sizes to order

SPECIAL SIZES

Frequently "stock" trellises or window-boxes do not conform satisfactorily to the dimensions required. The cost of special designs and sizes is by no means prohibitive; we are glad of an opportunity to submit sketches and estimates.

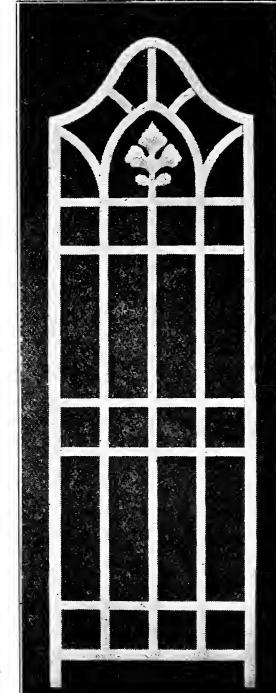


COLONIAL PLANT TUB

Square tubs, painted white or green

12 inch (inside), Each	\$5.00	Per Pair	\$10.00
15 inch.....	Each 6.00	Per Pair	12.00
18 inch.....	Each 7.50	Per Pair	15.00
20 inch.....	Each 12.50	Per Pair	25.00
24 inch.....	Each 15.00	Per Pair	28.00

Larger sizes to order



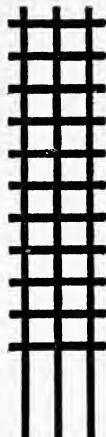
SPECIAL TRELLIS

One of many pleasing designs.
\$12.50 each

GARDEN ACCESSORIES



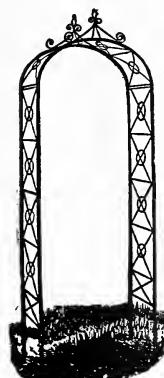
Veranda



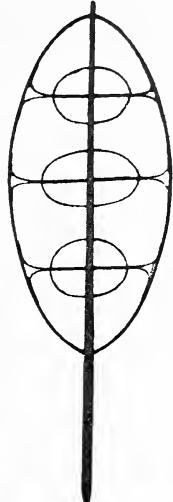
Lattice



Fan



Garden Arch



No. 2 Bow

TRELLISES

Made of wood and rattan painted green. The most durable and ornamental trellis on the market.

Special Sizes and Styles Made to Order

If crating is required for Express or freight shipments, it will be charged at cost.

Lattice Trellis. Not carried in stock, but can be shipped quickly from factory.

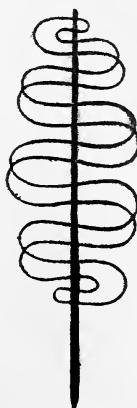
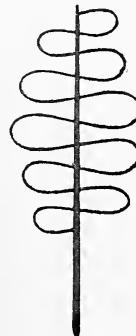
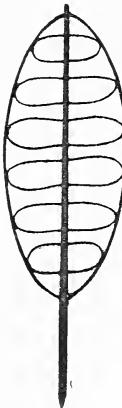
Size	Each	Doz.	Size	Each	Doz.
6 ft. X 18 in.	\$3.00	\$30.00	10 ft. X 18 in.	\$5.00	\$50.00
7 ft. X 18 in.	3.50	35.00	11 ft. X 18 in.	5.50	55.00
8 ft. X 18 in.	4.00	40.00	12 ft. X 18 in.	6.00	60.00
9 ft. X 18 in.	4.50	45.00			

Bow Trellis

No.	Size	Each	Doz.	No.	Size	Each	Doz.
1,	30 X 10 in.	\$1.00	\$10.00	4,	48 X 15 in.	\$2.00	\$20.00
2,	30 X 14 in.	1.40	14.00	5,	60 X 18 in.	2.25	22.00
3,	36 X 12 in.	1.60	15.00	6,	72 X 20 in.	2.50	24.00
3½, 42 X 14 in.	1.75	18.00					

Fan Trellis

	Size	Each	Doz.		Size	Each	Doz.
1½ ft. X 7 in.	\$0.50	\$4.00	4 ft. X 27 in.	\$2.25	\$22.00		
2 ft. X 10 in.	.55	6.00	5 ft. X 32 in.	2.80	27.00		
2½ ft. X 13 in.	.95	8.00	6 ft. X 38 in.	3.25	32.00		
3 ft. X 16 in.	1.50	14.00	7 ft. X 42 in.	3.70	37.00		
3½ ft. X 21 in.	1.65	16.00	8 ft. X 46 in.	4.15	42.00		

No. 0 wide
Each, 60¢; doz. \$6.00No. 00
Each, 25¢; doz. \$2.50No. 00 wide
Each, 35¢; doz. \$3.50No. 0
Each, 35¢; doz. \$3.50No. 1 Bow
Each, \$1.00; doz. \$10.00

Veranda Trellis. Ornamental and substantial. Especially adapted to outdoor use for high-climbing plants.

Size	Each	Doz.	Size	Each	Doz.
2 ft.	\$1.10	\$11.00	7 ft. X 1½ ft.	\$3.50	\$36.00
3 ft.	1.50	14.00	8 ft. X 1½ ft.	4.00	40.00
4 ft.	1.85	18.00	9 ft. X 1¾ ft.	4.50	45.00
5 ft. X 1½ ft.	2.50	25.00	10 ft. X 1¾ ft.	5.00	50.00
6 ft. X 1½ ft.	3.00	30.00	11 ft. X 2 ft.	5.50	55.00
			12 ft. X 2 ft.	6.00	60.00

Extra Wide Veranda Trellis

Size	Each	Doz.	Size	Each	Doz.
6 ft. X 2½ ft.	\$4.00	\$38.00	10 ft. X 2½ ft.	\$6.60	\$65.00
8 ft. X 2½ ft.	5.25	52.00	12 ft. X 3 ft.	7.90	78.00

GARDEN ARCHES

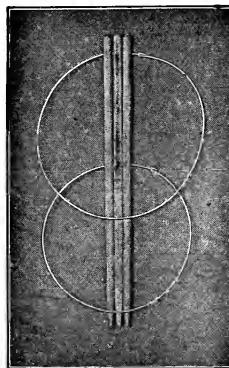
(Wire Painted Green)

Whole Height	Width	Span	Each
5 ft.	12 in.	2½ ft.	\$7.50
6 ft.	12 in.	2½ ft.	9.00
8 ft.	18 in.	4 ft.	12.00
8 ft.	36 in.	4 ft.	23.00

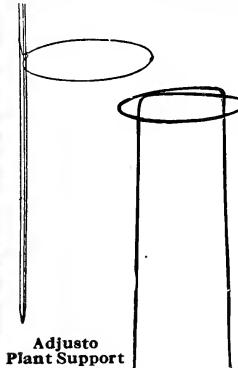
MOSS BASKETS

Made of heavy wire, green painted. Will last a lifetime.

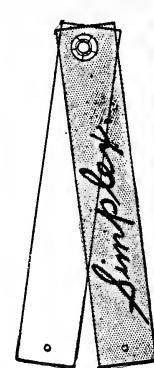
Each	Doz.
5 inch.....	\$0.45
8 inch.....	.50
10 inch.....	.85
	4.00
	5.50
	7.20



Wood and Wire Support



Carnation Support



Improved Indestructible Tree



Two Hoop Wood Support

PLANT STAKES

Painted Green. For pot and garden use. The three extra heavy sizes have black painted points to prevent moisture entering the fibre of the wood.

SQUARE

	Doz.	Per 100		Doz.	Per 100
1½ ft.	\$0.30	\$2.00	3½ ft.	\$1.25	\$8.50
2 ft.	.50	3.50	4 ft.	1.60	11.00
2½ ft.	.75	5.00	5 ft.	2.25	16.00
3 ft.	1.00	7.00	6 ft.	2.75	18.00
Extra Heavy. 4 ft.	Doz. \$2.75	Per 100 20.00			
Extra Heavy. 5 ft.	Doz. 4.00	Per 100 30.00			
Extra Heavy. 6 ft.	Doz. 5.00	Per 100 35.00			

UNPAINTED HARDWOOD STAKES

	Neat, durable, clean; used for carnations, roses, etc.	
2 ft.	Per 100 \$0.75	Per 1000 \$6.00
3 ft.	Per 100 .85	Per 1000 7.00
4 ft.	Per 100 1.00	Per 1000 8.00

Green Stained Bamboo Stakes

	Per 100	Per 1000		Per 100	Per 1000
1½ ft.	\$0.75	\$5.00	3 ft.	\$1.00	\$9.00
2 ft.	.85	6.00	3½ ft.	1.25	10.00
2½ ft.	.90	7.00	4 ft.	1.50	12.00
5 ft.	2.50				

Extra Heavy Bamboo Stakes

Strong enough to be used as fish poles or spray poles.
16 ft. Each 40¢ 18 ft. Each, 50¢ 20 ft. Each, 75¢

BAMBOO CANE STAKES

These are light, strong, durable. Length about six feet. Florists use them. They may be cut to any length.
Per 100 \$2.00 Per 1000 \$15.00

TOMATO SUPPORTS AND BEAN POLES

Two-Hoop Wood. Strong, light, practical, quickly set in position and can be stored in a small space. Per doz. \$2.00.
Wood and Wire. Uprights of hardwood. Two wire rings. When not in use they fold for storage. Each, \$0.30; doz. \$3.00.
Bean Poles, 8 to 10 ft. long. Per doz. \$1.50; per 100 \$12.00.

"ADJUSTO" PLANT SUPPORT

A very simple, unbreakable, practical and cheap support which will last a lifetime. It is adjusted in a "jiffy" to any height, to conform to the plant's growth. It is indispensable for Tomatoes, Roses, Hydrangeas and Dahlias—in fact everything on the lawn or in the garden that needs a support.

The stake is made of hardwood, having a protecting coat of green paint; the heavy spring wire is also painted green and so will not rust.

Price, 3 ft. Each, \$0.15 Per doz. \$1.60
Price, 5 ft. Each, .20 Per doz. 2.50

Small sizes, 18 and 24 in. for potted plants, carnations, etc.

Price, 18 in. Each, \$0.07 Per doz. \$0.75
Price, 24 in. Each, .10 Per doz. .90

EXCELSIOR WIRE CARNATION SUPPORTS

Sizes, 13 and 20 inches in height.
Per 100 \$2.25 Per 1000 \$20.00

GALVANIZED WIRE PLANT STAKES

2½ ft.	Per 100 \$2.25	4 ft.	Per 100 \$3.00
3 ft.	Per 100 2.50	4½ ft.	Per 100 3.25
3½ ft.	Per 100 2.75	5 ft.	Per 100 3.50
6 ft.	Per 100 4.25		

MATCH STICKS

	Per 100	Per 1000
12 inch, Green	\$0.30	\$2.25
18 inch, Green	.40	3.25

WOOD LABELS

For Pots, Garden, and Trees

POT LABELS

Size	Per 100	Per 1000
4 × 5/8 in.	\$0.20	\$1.70
4½ × 5/8 in.	.25	2.00
5 × 5/8 in.	.30	2.25
6 × 5/8 in.	.35	2.75
10 × 5/8 in.	.75	6.60
12 × 5/8 in.	.85	7.70

GARDEN SIZES

Per 100	Per 1000
8 × 7/8 in.	\$0.85
10 × 7/8 in.	1.15
12 × 1 1/8 in.	1.25

WIRED LABELS

Per 100	Per 1000
3½ × 5/8 in. Iron Wire	\$0.25
3½ × 5/8 in. Brass or Copper Wire	2.70
Any Size and Style of Wood Labels made to Order	2.15

PENCILS

Wolff's Indelible Garden. For writing on wood labels, with point protector. Each, 20¢; doz. \$2.00.

SIMPLEX WEATHERPROOF PLANT LABELS

The writing is protected by the transparent cover, and will last indefinitely if done either with lead pencil or Waterproof India Ink.

Prices include Copper Wire for Attaching

No.	Sizes	Per Doz.	Per 100	No.	Sizes	Per Doz.	Per 100
1	3 × 1/2 in.	\$0.25	\$2.50	3	5 × 1 in.	\$0.75	\$6.50
2	4 × 3/4 in.	.50	4.50				

Special sizes to order.

COPPER LABELS

Improved Indestructible Tree. These labels are made of copper alloy, and so constructed that the wires can not cut through the metal from constant flapping in the wind. If properly attached there is no danger of its becoming unfastened. By using a stylus or hard lead pencil the metal is indented and the writing is permanent.

No. 1. 3 3/4 × 3/4 in. Per 100, \$1.50.

No. 2. 5 × 1 1/2 in., suitable for two lines writing. Per 100, \$2.00.

Wire Rods or Stakes. To be used with Indestructible or other hanging label, \$6.00 per 100.

RUSTIC WORK

Strongly made from Natural Roots and Knots. Any special size or design will be made to order.

Hanging Baskets. 8 in., \$1.25; 9 in. \$1.50; 10 in., \$1.50; 11 in., \$2.00; 12 in., \$2.50.

Hexagon Stands. Height 26 and 31 inches. 16 in. diam., \$3.00; 20 in. diam., \$4.00; 24 in. diam., \$5.00 each.

Oblong Stands. 24 in. high, 18 in. long, \$5.00; 28 in. high, 24 in. long, \$6.00; 31 in. high, 28 in. long, \$8.00 each.

Arm Chair. No. 3, each \$6.50.

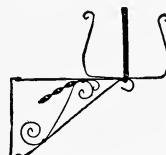
Rustic Settee. Length of seat, 2½ ft., \$8.00; 3½ ft., \$10.00; 4½ ft., \$14.00 each.



SAVO — FLOWER and PLANT BOXES

A plant box made of heavy metal, carefully and strongly constructed. An ingenious arrangement provides good drainage, free circulation of air, and plenty of water at all times for the growing plants. These boxes are finished in aluminum and dark green.

Sizes Carried in Stock **Each**
 Model A, 6½ in. high, 6½ in. wide, 23 in. long..... \$3.00
 Model B, 8 in. high, 9½ in. wide, 29 in. long..... 4.00
 Model C, 8 in. high, 9½ in. wide, 36 in. long..... 4.50
 Model E, 8 in. high, 12 in. wide, 12 in. long..... 3.00



Flower Pot Bracket

WIRE WINDOW SHELF

With adjustable steel brackets. 36 inches long, with brackets complete, \$1.50; each additional foot, 25 cents.

FLOWER POT BRACKETS

Especially adapted to plain flower pots and saucers. It is the most practical article for the purpose that has ever been offered. The cut herewith shows the idea. The steel clasp or frame in which the pot and saucer sit is of such a form as to hold them securely. They are made throughout of flat steel, perfectly strong, and can be fastened on the narrowest moulding. Black finish.

No.	Length of Arm	Clasp to hold	Each	Dozen
1	7 in.	5 in. pot	45¢	\$4.00
2	8 in.	6 in. pot	50¢	4.50
3	10 in.	7 in. pot	60¢	6.00

CAST IRON FLOWER POT BRACKETS

Holding Pot and Saucers in Sizes up to 7 inches in diameter.

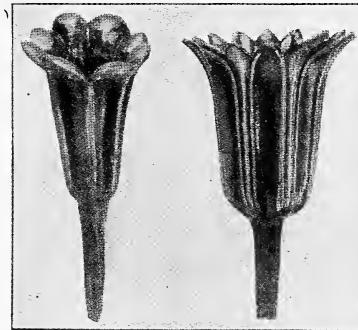
No. 200	Each	Doz.
.....	\$0.50	\$4.50
No. 240	.....	6.00

BIRD CAGE or WINDOW BASKET HOOKS

Size No. 1	Each, 10¢	Doz. 75¢
Size No. 895	Each, \$1.00 Doz. 1.00

WIRE HANGING BASKETS

	Each	Doz.
5 in. bottom.....	\$0.45	\$4.00
7 in. bottom.....	50	5.50
9 in. bottom.....	.60	6.00



Cast Iron Bouquet Holders

BOUQUET HOLDERS FOR CEMETERIES

Made of iron, nicely finished in green and bronze

No.	Each
No. 1 Lily	\$0.60
No. 2 Lily	.50
No. 3 Tulip	.45
No. 4 Tulip	.35



Moss Ware



Red Clay

EARTHENWARE CEMETERY BOUQUET HOLDERS

Very solidly made of earthenware, holding more water than the iron vase. **Each Doz.**

Moss Green	\$0.40	\$4.00
Red Clay	.15	1.25

TIN BOUQUET HOLDERS

Lightweight Green Painted..... **Each \$0.20; doz. \$2.00**

RESERVOIR VASES for LAWNS, CEMETERIES, ETC.

These iron vases are so constructed that one watering will keep the earth moist for a long time without souring the soil or injuring the roots. The reservoir is below the soil and water is taken up as wanted by capillary attraction.

Reservoir Vase with Low Base

	Painted one coat
No. 0, 20½ in. high, 15½ in. diameter.....	Each, \$11.00
No. 1, 26 in. high, 19 in. diameter.....	Each, 14.00

Reservoir Vase, Ornamental Pedestal

No. 1, 36 in. high, 19 in. diameter.....	Each \$24.00
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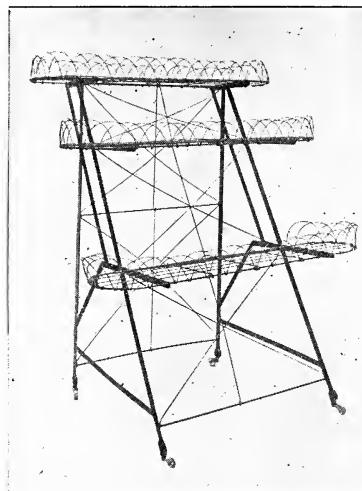
Reservoir Vase with Handles and Low Base

No. 0, 20½ in. high, 15½ in. diameter.....	Each, \$14.00
No. 1, 26 in. high, 19 in. diameter.....	Each, 17.00

No. 1, 36 in. high, 19 in. diameter.....	Each, \$27.00
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Cemetery Vase



Folding Plant Stand



Cemetery Vase with Handle

FOLDING WIRE PLANT STANDS

The construction of the shelves or trays is such that there is more room for the pots and foliage than any other plant stand that takes up the same amount of room on the floor.

No. 22, Single Tray, 10X24 in.	Each, \$2.25
No. 23, Single Tray, 10X33 in.	Each, 3.00
No. 20, 2-Wire Trays.	Each, 4.50
No. 20, 3-Wire Trays.	Each, 5.65
No. 20, 4-Wire Trays.	Each, 8.40

FLOWER POTS, SAUCERS AND SEED PANS

Inside measurements, width and depth equal
Packing charged extra

HANGING FLOWER POTS, EARTHEN

Size	Each	Per Doz.	Size	Each	Per Doz.
7 in.	\$0.45	\$4.50	10 in.	\$1.25	\$12.75
8 in.	.50	5.10	12 in.	1.50	16.50
9 in.	.55	5.70			

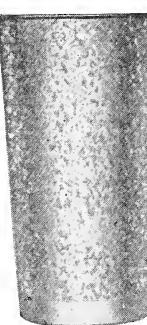
GALVANIZED IRON FLORISTS VASE

Strong, light, durable, made of good material with heavy hoop at base of can to reinforce bottom of vase. Only plain galvanized iron carried in stock; painted green or any colour to order.

No.	Top Diam.	Bottom Diam.	Height	Each	Doz.
5	7 $\frac{3}{8}$ in.	5 $\frac{1}{2}$ in.	11 in.	\$0.95	\$10.55
6	7 $\frac{3}{8}$ in.	5 $\frac{1}{2}$ in.	17 in.	1.15	12.15
7	8 in.	6 $\frac{1}{4}$ in.	11 in.	1.00	10.65
8	9 in.	7 $\frac{3}{8}$ in.	12 in.	1.25	12.40
9	9 in.	9 $\frac{3}{8}$ in.	17 in.	1.50	17.40



Hanging Flower Pots



No. 6 Galvanized Iron Florist Vases



No. 5 Galvanized Iron Florist Vases

CEDAR PLANT TUBS

For growing Agaves, Century, and other large plants. Made of the best red cedar, painted green, iron handles.

Outside	Outside	Outside	Outside	Each			
No.	Top Diam.	Height	Each	No.	Top Diam.	Height	Each
1	28	22	\$14.85	8	16	13	\$3.10
2	26	20	12.40	9	14	12	2.55
3	24	18 $\frac{1}{2}$	7.75	10	12	9 $\frac{1}{2}$	1.90
4	22	17	6.30	11	10 $\frac{1}{2}$	9	1.70
5	20	16	5.30	12	9 $\frac{1}{2}$	8	1.35
6	18 $\frac{1}{2}$	15	4.10	13	8	7	1.20
7	17	14	3.65				

OAK JARDINIERES

The oak is selected to show the quartered grain, stained dark and finished with lustre surface. The hoops and handles are of brass, highly polished and lacquered. Inside is painted a rich dark red.

Stock Sizes

No.	Inside	Inside	Each	No.	Inside	Inside	Each
Top Diam.	Depth	Each	No.	Top Diam.	Depth	Each	
75	7	4 $\frac{3}{4}$	\$2.75	99	9 $\frac{1}{4}$	9	\$4.00
77	7	6 $\frac{3}{4}$	3.25	119	11	9	4.25
85	8	5 $\frac{1}{4}$	3.30	1111	11	11	5.00
88	8	7 $\frac{3}{4}$	3.60	1212	12	12	6.60
96	9 $\frac{1}{4}$	5 $\frac{3}{4}$	3.85	1414	14	14	8.45

Special sizes made to order if desired

BRASS JACK CHAINS

For Hanging Pots. No. 118, 3 strand, each, 25¢. No. 119, 4 strand, each, 30¢.



Cedar Plant Tub



Flower Pots

Saucers

Oak Jardiniere

FIBRE VASES MAHOGANY COLOUR

No.	Height	Diam.	Each	Doz.
4	5 in.	3 in.	\$1.00	\$10.80
3	6½ in.	4 in.	1.20	13.20
2	9 in.	4½ in.	1.40	15.00
44	9 in.	3 in.	1.35	14.50
1	10½ in.	5½ in.	1.55	17.00
0	13 in.	8 in.	1.75	19.00
22	15 in.	4½ in.	1.95	21.00
11	18 in.	6 in.	2.10	23.00
01	20 in.	9½ in.	3.30	36.00
00	21 in.	9½ in.	5.50	60.00

HEW'S FLOWER POTS, EARTHEN

Height and diameter are the same

Diameter	Per	Diameter	Per			
in Inches Each	Doz.	100	in Inches Each	Doz.	100	
3	\$0.04	\$0.35	\$2.50	10	\$0.60	\$6.50
4	.05	.45	3.75	12	1.25	13.00
5	.09	.85	6.80	13	1.30	
6	.12	1.25	10.00	14	1.70	
7	.18	2.10	17.00	15	2.65	
8	.30	3.25	24.50	16	3.75	
9	.40	4.25	38.00	18	5.65	

ROUND SEED PANS, EARTHEN

Diameter	Per	Diameter	Per			
in Inches Each	Doz.	100	in Inches Each	Doz.	100	
6	\$0.12	\$1.30	\$10.00	12	\$1.25	\$14.00
8	.30	3.25	24.50	14	1.75	20.00
10	.60	6.50	50.00			

SAUCERS, EARTHEN

Diameter	Per	Diameter	Per			
in Inches Each	Doz.	100	in Inches Each	Doz.	100	
3	\$0.04	\$0.35	\$2.25	12	\$0.30	\$3.25
4	.05	.40	2.80	13	.40	4.25
5	.06	.50	3.75	14	.45	5.00
6	.08	.75	5.00	15	.55	6.50
7	.10	1.00	7.00	16	.85	9.50
8	.12	1.30	10.30	18	1.10	12.00
9	.16	1.80	14.00			
10	.20	2.10	17.00			

GLAZED MOISTURE PROOF CLAY SAUCERS

Diameter	Per	Diameter	Per			
inches Each	Doz.	100	inches Each	Doz.	100	
3	\$0.05	\$0.50	\$4.50	12	\$0.70	\$8.20
4	.08	.72	5.80	13	.75	8.50
5	.10	.98	7.50	14	.90	10.00
6	.14	1.50	11.50	15	1.20	13.80
7	.17	1.95	15.30	16	1.65	18.60
8	.23	2.65	21.00	18	1.75	20.40
9	.30	3.50	28.75	20	3.25	38.40
10	.38	4.20	35.00	22	5.15	61.20
11	.45	5.28	42.00	24	7.75	92.40

FERN PANS, EARTHEN

Size	Each	Per Doz.	Size	Each	Per Doz.
4 \times 1 $\frac{1}{2}$ in.	\$0.07	\$0.70	7 \times 2 $\frac{1}{2}$ in.	\$0.15	\$1.60
4 $\frac{3}{4}$ \times 2 $\frac{1}{2}$ in.	.09	.95	7 \times 3 $\frac{1}{2}$ in.	.20	2.30
5 $\frac{1}{2}$ \times 2 $\frac{1}{2}$ in.	.12	1.20	9 \times 3 $\frac{1}{4}$ in.	.25	2.80
6 $\frac{1}{4}$ \times 2 $\frac{1}{2}$ in.	.14	1.35	10 \times 4 in.	.30	3.15

NEPONSET PAPER POTS

Diameter	Doz.	100	1000	Diameter	Doz.	100	1000
2 $\frac{1}{4}$ in.	\$0.10	\$0.55	\$3.40	4 in.	\$0.25	\$1.50	\$8.60
2 $\frac{1}{2}$ in.	.12	.65	3.90	5 in.	.35	2.25	13.40
3 in.	.15	1.10	5.30	6 in.	.45	3.00	17.90
3 $\frac{1}{2}$ in.	.20	1.25	6.90				

Not less than one thousand at thousand rate

FIBRE SAUCERS WITHOUT CASTORS

Made from Indurated Fibre Ware, prevents moisture passing through to injure table, floor, or carpet.

The number indicates approximately the diameter in inches

No.	Each	Doz.	No.	Each	Doz.
5 Saucers	\$0.35	\$3.90	12 Saucers	\$0.60	\$6.80
6 Saucers	.40	4.20	14 Saucers	.80	9.40
7 Saucers	.42	4.50	16 Saucers	1.50	16.80
8 Saucers	.43	4.90	18 Saucers	1.75	19.20
9 Saucers	.50	5.40	20 Saucers	2.25	25.20
10 Saucers	.55	6.00			

HYACINTH GLASSES, TALL or TYE SHAPE

Colours: Amber, Blue, Green, Crystal. Price: 35¢ each; \$3.00 doz.

HAWK EYE TREE PROTECTOR

A sure protection against sun-scald, rabbits, mice and other vermin. Width, 10 inches; 20 inches high, cut with the grain of the wood, and chemically treated on one end. These strips of thin veneer are easily applied and permanent. Price per 100, \$2.50; per 1000, \$20.00.

GRAFTING WAX (Trowbridge's)

The best in the market. This brand should not be confounded with the many cheap makes now offered, that are not possessed of an even consistency, and give unsatisfactory results. Put up in 1 lb., $\frac{1}{2}$ lb., and $\frac{1}{4}$ lb. packages. Price 50¢, 30¢, and 20¢ respectively.

SIEVES, WIRE

For preparing potting soil, sifting loam, gravel, etc.; 16, 18, 20, and 24 inches diameter. Prices quoted on application.

FLORISTS' SHIPPING BOXES

Cardboard Cut-Flower Boxes

In various sizes. Prices quoted on application.

CORRUGATED BOXES

In various sizes. Prices quoted on application.

WHITE WAX PAPER

For packing and protecting flowers and plants. Size, 12 \times 18 inches, 90¢ per ream. Size 24 \times 36 inches, \$3.50 per ream.

HEAVY WRAPPING PAPER

No. 1 Kraft (brown). In rolls, 12, 18, 24, 30, and 36 inches wide. Per lb. 12¢.

TWINE, HARDWARE

Strong hard twine for tying parcels and bundles, in balls.

No.	$\frac{1}{4}$ lb. balls	.....	Per ball, \$1.5
18	$\frac{1}{2}$ lb. balls	.....	Per ball, .25
18	$\frac{1}{2}$ lb. balls	.....	Per ball, .25
24	$\frac{1}{2}$ lb. balls	.....	Per ball, .25
36	$\frac{1}{2}$ lb. balls	.....	Per ball, .25
48	$\frac{1}{2}$ lb. balls	.....	Per ball, .25
	Soft, for tying cut-flowers, vines, etc.	.....	Per ball, 25¢

TINFOIL FOR BOUQUETS

Plain, 1 lb. pkgs. 35¢; per lb. Violet colour, 50¢ per lb.

COTTON TAPE

For tying bunches of Asparagus Tips. About a quarter inch wide in spools of 1000 yards, colour, Red, White and Blue. Per spool, \$4.00.

WIRE FOR BOUQUETS

Bright, cut in lengths of 9 and 12 inches, in boxes.

Per box, either length, Nos. 20, 21 and 22	Prices quoted on application
Per box, either length, Nos. 23 and 24	
Per box, either length, No. 25	
Per box, either length, No. 26	
Per box, either length, No. 34.	

COTTON BATTING

For packing flowers, etc. Per sheet, 10¢.

SILKALINE

Used for growing smilax and asparagus on, also for tying in bouquet work. Per reel, 40¢; per box of 8 spools, \$3.00.

“BASKET MAKING”

The first book of the “How to Do It Series.” Tells all about basket making. It contains over one hundred illustrations of working designs with full particulars of methods. By mail, 35¢.

PUTTIUM

A gray glazing cement you can buy with confidence. Composed of non-volatile oils, heat resisting gums and other pigments, combined with asbestos fibre; especially recommended for bedding glass.

Can, 1 gal.	.....	\$2.30	Can, 20 gal.	.....	\$39.00
Can, 5 gal.	.....	10.50	Bbl., 38 gal.	.....	70.30
Can, 10 gal.	.....	20.00	Bbl., 60 gal.	.....	110.00

GLAZETITE GLAZING CEMENT

A perfect compound for Glazing, Reglazing, and Repair Work on Greenhouses and Sash. Glazetite is black, made from a long fibre asbestos and elastic gums. For glazing purposes it requires about three gallons to each thousand feet of glass.

55 and 35 gallon steel drums	.....	Per gal., \$1.50
5 gallon cans	.....	Per gal., 1.70
1 gallon cans	.....	Per gal., 1.75

**MASTICA**

For glazing greenhouses, new or old. The use of Mastica avoids the necessity of frequent reglazing. It can be used to bed in or on the outside, with a machine; one gallon will cover about 290 running feet (one side).

Gallon cans	.....	Each, \$2.50
Machines for applying Mastica	.....	Each, 2.75

PUTTY BULBS

A simple and useful device for applying putty to sash. Each, \$1.25

GLAZING POINTS**The Peerless**

The only durable and reliable points. Made of galvanized steel wire, no rights and lefts. No raising up when driving. Two sizes: Nos. 2, $2\frac{1}{2}$ for general use. Per box of 1,000, 65¢. Pincers for driving same, 50¢ per pair.

Zinc City Greenhouse Point

A heavy zinc Brad, $\frac{3}{4}$ " and $\frac{5}{8}$ ". Per lb. 65¢.

SHADE-O

A dry Powder. To make a gallon of solution use two quarts of hot water to 1 lb. of Shade-O, stir thoroughly until dissolved, then add two quarts of cold water. Full directions with each package. Recommended for use on Greenhouse glass for artificial Shade. Sold in 1 lb. packages only. Price \$1.25 each.

TWINE MELON NETS

For supporting melons growing in greenhouses. Each, 30¢; per doz. \$3.00.

ARLINGTON PLANT PROTECTORS

Protect from bugs, bores and fowls, also subdues wind, rain, and cold. Each, 30¢; doz. \$3.00.

ROFFEA

This Palm Fibre, long used by gardeners for tying plants and bunching vegetables, has been adapted to new uses. While it is likely to hold its place as the best tying material yet produced, there will also be a great demand for it for years for making baskets, mats, etc. Per lb. 25¢; in 10-lb. lots, 20¢ per lb. Special price quoted on bale lots.

BARRIE FORCING FRAMES

Constructed of galvanized iron with five panes of glass, size about 10×14 inches. Used to start and protect early vegetables, etc. Price: \$1.75 each; \$20.00 doz.

PROTECTING CLOTH for HOT-BEDS

Used as a substitute for glass for protecting plants in early Spring. Per yard, 22¢; per piece of 60 yards, 20¢ per yard.

BRECK'S EXTRA-HEAVY HOT-BED MATS

Weight about 11 lbs. Dimensions about 76 inches, square. Heavily quilted, heavy brown drill both sides. Best made mat procurable. Each, \$4.25; per doz. \$45.00.

STRAW MATS

Hotbeds, 6×6 feet

..... Each, \$3.25

Hotbeds, 3×6 feet

..... Each, 1.75

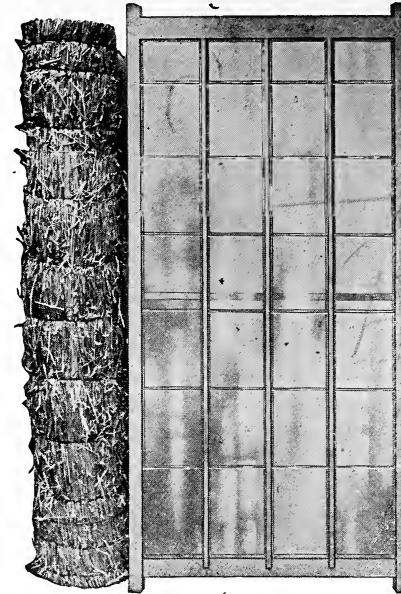
Other sizes to order

ORIOLE BRAND NORTH CAROLINA PINE TAR

Strictly pure old process North Carolina Tar in full measure cans; useful for protecting cut surfaces of pruned trees, also broken and bruised places in the bark of trees and shrubs.

In gallon cans only

..... Each, 50¢

**Straw Hot-Bed Mat.****Hot-Bed Sash****DOUBLE-GLASS HOT-BED SASH**

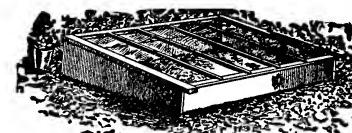
Two sashes in one frame, doing away with the extra mat and board covering which must be used in this section during our severe Winters if one is to be sure of plants growing in Hot-Bed or Cold Frame. The double layer of glass, $\frac{3}{8}$ inch apart, provides dry air space which is the best non-conductor known, and while acting as a protecting mat or blanket, lets in the sun's heat rays. Our sash is all puttied into the frame which is made of the very best material and well painted. Standard 3×6 size; lights of glass, 10×12.

Price: per single sash, \$10.00; 5 sash at \$9.50 each; 10 sash and over, \$8.50 each. Delivered to railway station or express, Boston, crating extra.

SINGLE-GLASS SASH for HOT-BEDS or COLD FRAME

Made from thoroughly seasoned lumber. Frame well puttied and painted, 1 $\frac{3}{4}$ -inch stock; glass 8×10. The best sash offered today in Boston. Price: Single sash, \$8.00 each; 5 sash or over, \$7.50 each, crating extra at cost.

HOT BED SASH, unpainted and unglazed. Each, \$5.25.

**BRECK'S SPECIAL HOT-BED SASH WITH FRAME COMPLETE**

The outside dimensions of Frame are three feet one inch long, and four feet eight inches wide, made of one inch Cypress; the back piece is nine inches wide and the front piece is six inches wide, grooved together, and held in place by eight strong hooks. Being fastened together by the hooks enables one to take it apart at the end of the season and store away in a very compact form, which we consider an essential feature, as by so doing, the frame may be made to last for years. The Sash is also made of Cypress of one and one-half inch stock, put together and glazed in the very best manner. On the under side of the Sash is fastened a cleat, one inch from the outer edge, all around, thus forming a rabbet which makes the frame very tight, preventing the cold air from entering or the heat escaping. The construction of the frame is so simple that any one with a hammer and screwdriver can put it together in a few minutes. Our price for Frame and Sash complete is only \$8.00 delivered at the railroad in Boston.

AMERICAN GARDEN TROWELS



Forged Steel Garden Trowel

No. 211. 7 inch welded shank Each \$0.65



English Pattern Garden Trowel

No. 215. 6 inch riveted shank Each \$0.25



Steel Garden Trowel

No. 213. 6 inch riveted shank Each \$0.15

No. 213. 7 inch riveted shank Each .20

No. 213. 8 inch riveted shank Each .25



Ladies' Flower Trowel

No. 216. 6 inch riveted shank Each \$0.15



Transplanting Trowel

No. 217. 7 inch solid shank Each \$0.25

ALL STEEL GARDEN TROWELS



No. 809. Very strong and nicely balanced Each \$0.25
By mail 15¢ extra.

AMERICAN TRANSPLANTING FORKS



No. 2. Malleable, short handles Each \$0.25

No. 300. Steel, short handles Each .50

WOOD-HANDLE DIBBLE



No. 218. Usual size, very useful Each \$0.75

EXCELSIOR HAND WEEDE



Malleable iron, tinned Each \$0.20

FORGED STEEL WEEDE



Short handles Each \$0.55

LANG'S WEEDE



All metal, with strap. Each \$0.25 Postpaid \$0.30

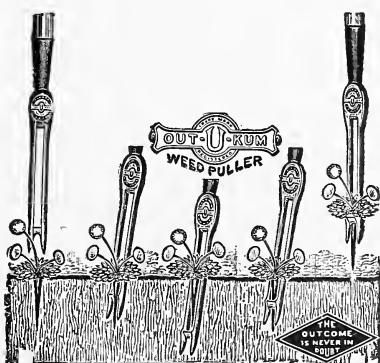
HASELTINE'S HAND WEEDE



Short handles Each \$0.35

Long handles Each .75

"OUT-U-KUM" WEED PULLER

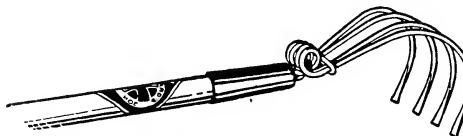


The "Out-U-Kum" Weed Puller is a simple, yet practical device. The accompanying illustration will convince anyone of the simplicity and certainty of removing the root along with the weed, thus putting an end to it. Especially recommended for dandelions and other weeds having long tough roots. Each \$1.00

THE BELMONT WEEDER

This weeder is a great favourite with market gardeners and for general use it is most effective. It has a 48 inch handle. *Each \$1.25.*

MAGIC WEEDERS



No. A. $5\frac{1}{4}$ inch handle, spring teeth..... *Each \$0.15*

BRECK'S WEEDER

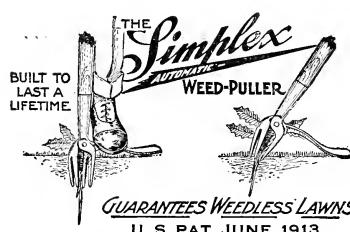


Used by cranberry growers, and for all kinds of weeding. prong, $3 \times 3\frac{1}{2}$, 18 inch handle, solid steel. *Each 90¢.*

CLEVELAND LAWN WEEDER

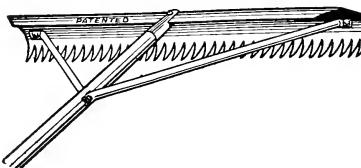


No more broken backs. This little device gets at the root of evil and removes it bodily. The best Dandelion weeder made. *Each \$1.25.*



Makes life hard for Dandelions, Dock, and other weeds having long tough roots. *Each \$1.25.*

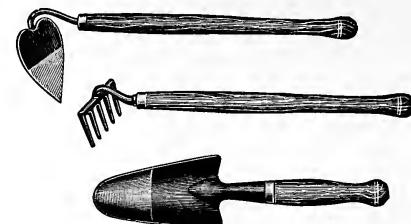
DANDELION RAKE



The Dandelion Rake is as easy to use as the ordinary rake. Not only does it keep your lawn free from ugly dandelion heads and leaves, but it keeps it clean of dead grass, leaves, and sticks, which clutter up the lawn and keep back the grass.

No. 25. 20 inch complete with handle..... *Each \$1.50*

LADIES' FLORAL TOOLS



No. A. 3 piece set, plain handles..... *Per set \$0.25*
No. F. 3 piece set, varnished handles..... *Per set .60*

"AMERICAN" FLORAL TOOLS

These tools are not toys, but serviceable tools, of good material and well made and finished. The hoe and spade have forged steel blades, brightly polished. The rake is of malleable iron, latest pattern, and polished.

No. 4. P. S. F. Four piece set: Shovel, Rake, Hoe, and Spading Fork.	<i>Per set \$3.00</i>
No. 3 P. F. Three piece set: Shovel, Rake and Hoe,	<i>Per set 2.00</i>
Extra Rakes for above sets.....	<i>Each \$0.50</i>
Extra Spading Forks.....	<i>Each 1.10</i>
Extra Hoes.....	<i>Each .85</i>
Extra Floral Shovels.....	<i>Each .90</i>

TREE SCRAPERS



Blades fastened by square-head machine bolts, hardwood handles. Special Blade, $\frac{1}{4} \times 5$ inches..... *Each \$1.50*
No. 2. Special Blade, $\frac{1}{8} \times 5$ inches..... *Each 1.00*

INVINCIBLE GARDEN CULTIVATOR

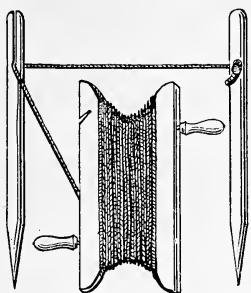


Each..... \$1.10

THISTLE and DOCK CUTTERS



Solid shank. Polished blades. Mall. D handle with foot rest. *Each \$1.60.*

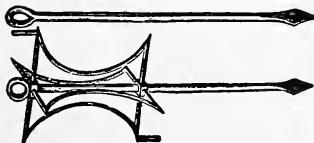
"NEVER TANGLE" GARDEN LINE REEL

This reel winds or unwinds quickly and will keep the line straight without tangling.

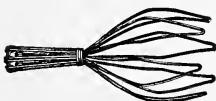
Reel Only, No Line Each \$0.75
Reel with 100 feet Samson Braided Line Each 1.95
Reel with 50 feet Samson Braided Line 1.35

SAMSON SOLID BRAIDED GARDEN LINES

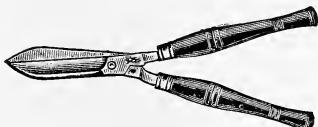
50 feet long Each \$0.60
100 feet long Each 1.20

GARDEN LINE REELS

Malleable Iron, Japanned Each \$1.50

FRUIT GATHERERS

Wire, without handles Each \$0.65
For price of handles, see Handles, page 177

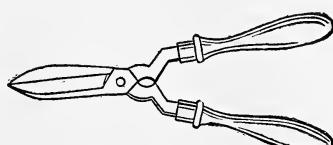
GRASS and HEDGE SHEARS

Per pair

No. 100.	8 in. Grass.	.....	\$2.40
No. 100.	9 in. Grass.	.....	2.70
No. 100.	10 in. Grass.	.....	3.00
No. 101.	8 in. Hedge.	.....	2.70
No. 101.	9 in. Hedge.	.....	3.00
No. 101.	10 in. Hedge.	.....	3.30

HEDGE TRIMMER

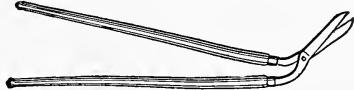
Little Wonder Each \$27.50

**Ladies' Garden Shears**

No. 100. 6 in. Per pair \$1.80

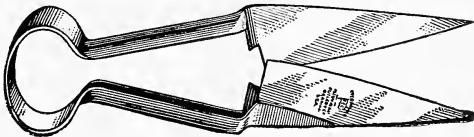
LONG HANDLED GRASS SHEARS

No. 105.



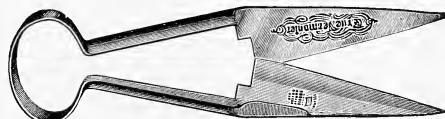
No. 104.

	Per pair
104. Border Shears, 9 in.	\$4.60
104. Border Shears, 10 in.	4.80
105. Border Shears, with wheel, 9 in.	5.40
105. Border Shears, with wheel, 10 in.	5.70
106. Lawn Shears, 9 in.	4.60
106½. Lawn Shears, 2 wheels, 9 in.	6.00

"BRECK'S PRIDE" GRASS SHEARS

Made from finest quality tool steel. The trowel shank prevents hand coming in contact with ground. Full polished. Warranted. Made expressly for us from our own patterns.

No. 0267. 6 in. Per pair \$1.10
No. 1360. 5½ in. Per pair .60

SHEEP SHEARS

No. 057E. Genuine "True Vermonter" Sheep Shears. 5½ in. Per pair \$1.25

FLORISTS' SCISSORS

Flower Gatherer

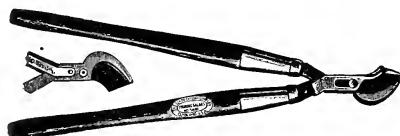
Thinning

Florists'

Vine

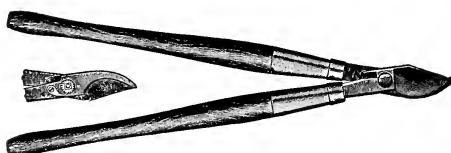
No. 7436. Thinning Shears. Best quality steel. Very useful in thinning out imperfect fruit. Per pair \$0.75
No. 575. Flower Gatherers, 7 in. Per pair \$2.75
No. 846. Vine Scissors, 7 in. Per pair \$1.50
No. 6237. Florists' Scissors, 5½ in. Per pair \$1.00
Scissors or Gatherers, by mail, add for postage, 10¢ per pair.

CLYDE IMPROVED DRAW CUT PRUNING SHEARS



Solid steel blade and hook. Positive draw cut. Hand forged. Four inch pressed steel ferrules and caps. Fully warranted. No. 5402. 24 in. Handles. Each \$3.50
No. 5403. 22 in. Handles. Each 3.00

CLYDE PRUNING SHEARS



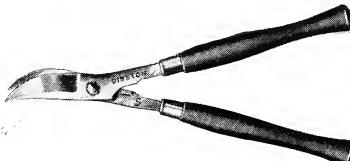
Solid tool-steel blade and hook, bolt and ratchet nut. Not draw cut. Warranted.

No. 5408. 24 in. Handles. Each \$2.90
No. 5408. 20 in. Handles. Each 2.75
No. 5406. 26 in. Handles. Each 2.25
No. 5406. 41 in. Handles. Each 2.25

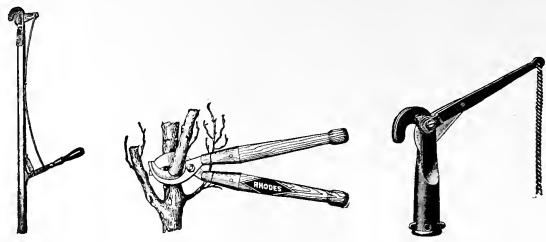
DANDY TREE PRUNER

This entire tool is forged from bars of fine crucible steel, carefully tempered in oil and fitted with short hardwood handgrips which cannot come off, split or pinch the fingers. The jaws of this pruner open very quickly without spreading the handles too far apart, slip onto limbs easily, and work into narrow places. They are so designed that the large limbs are held close to the joint, which gives great leverage, and the blade works on the draw-cut principle. Fully warranted against all flaws or imperfections. Length, 24 inches, weight 3 pounds. *Per pair \$3.50.*

DISSTON'S HAND PRUNER



One of the latest and best Hand Pruners. Adapted to all kinds of work. Finely made from best material.
Disston's No. 5 Hand Pruner. Each \$2.25



RHODES' DOUBLE CUT PRUNERS

Every fruit grower will appreciate the advantages of a pruning shear that has a double cutting edge, as all the pruning shears heretofore on the market have had only one cutting edge and the other edge, being dull, would bruise and peel the bark from the limb and injure it so it would not heal up smoothly; these pruning shears, having a double cutting edge, cut from both sides of the limb and do not bruise the bark, but leave a clean, smooth cut that heals rapidly.

26, 30 or 36 in. Pruners. *Per pair \$6.00*
42 in. Bush Pruners. *Per pair 6.75*

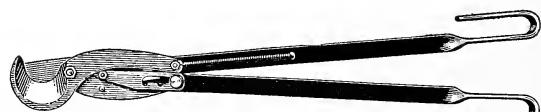
STANDARD

Complete With Springs

	Each
4 ft.	\$1.50
6 ft.	1.80
8 ft.	2.00
10 ft.	2.25
12 ft.	2.35
14 ft.	2.65
16 ft.	3.00
Extra knives.	.25

TELEPHONE PRUNER

Without Handles.	Each \$1.40
Extra Knives.	Each .25
Extra Springs	Each .25



THE "MCKENNEY" TREE PRUNERS

Designed and built to meet the requirements of the professional fruit growers of America. They have all the features that go to make up a perfect pruning tool.

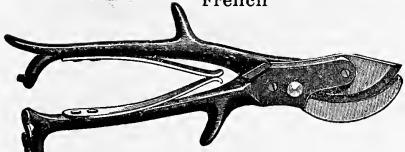
Each	
No. 1. Cuts Limbs up to 1 in. in diameter, 2 lbs. 23 in.	\$5.00
No. 2. Cuts Limbs up to 1½ in. in diam., 5 lbs. 30 in.	6.50
Hand size.	4.00

For Pruning Saws see page 231

PRUNING SHEARS



French



American

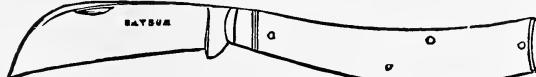
	Pair
7 in., full polished, with Wheel Springs	\$2.75
8 in., full polished	3.00
9 in., full polished	3.25
10 in., full polished	3.70
No. 00. Flat Springs, 9 in.	Pair
No. 0. Spiral Springs, 9 in.	.50
No. 30. California Pattern, 8 in.	1.05
No. 12. Volute Spring, 9 in.	.90
No. 40. Nickel Plated, 9 in.	1.60
No. 65. Parrot Beak, 9 in.	1.00
No. 10. Rose Shear, 6 in.	.65
No. 23. Levin Shears	.75
No. 24. Levin Shears	.85
No. 290. Swiss Double Springs, 9 in.	2.85

GRAFTING CHISEL



Made from the finest forged cast steel. *Each* \$1.00. By mail 5¢ extra.

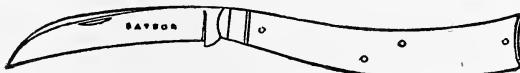
PRUNING KNIVES



Large Pruner. No. 190 Saynor Pattern



Medium Pruning Knife. No. 187 BC. Saynor Pattern



Small or Peach Pruner. No. 312 Saynor Pattern

	Each
No. 928. Large Stag Handle, No. 190 Pattern	\$3.25
No. 1016. Medium Stag Handle, No. 187 BC. Pattern	.50
No. 924. Peach Stag Handle, No. 312 Pattern, each	2.75

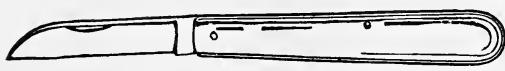
COMBINED BUDDING and PRUNING KNIVES

No. 40062. 2 Blade Budding and Pruning... *Each* \$1.50

BUDDING KNIVES



No. 762



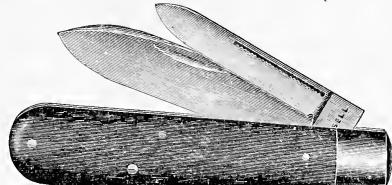
No. 2852 1/2

No. 762. Genuine Ivory Handles, Brass Lined with Bolster. Highest grade Budding Knife made..... *Each* \$5.00
No. 2852 1/2. Bone Handles..... *Each* 1.00
These Budding Knives are the same style as the No. 204 Saynor Patterns. *By mail add for postage 5 cents each.*

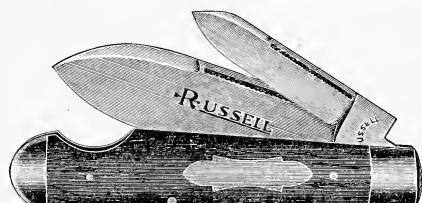
POCKET KNIVES



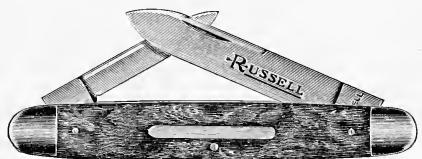
08212



C11122



28172



F104178

The Russell Pocket Knives have been made for over 50 years. Defective knives will be replaced without charge.

No.	Each	No.	Each
08212.....	\$1.50	110080.....	\$1.70
08110.....	.50	76880.....	1.80
11220.....	.65	F 25978.....	2.40
14270.....	.85	F 108190.....	1.80
C 11120.....	.70	25078.....	2.50
C 11122.....	.70	105170.....	1.80
46173.....	1.10	F 100180.....	1.65
28170.....	1.15	157177N.....	1.15
62970.....	1.50	70190.....	2.15

FISH KNIVES



Oyster Knives. No. 55 1/2. 3 inch.....	.Each	\$0.25
Clam. No. 4. 2 5/8 inch.....	.Each	.25
Mackerel. 3 inch.....	.Each	.15

ASPARAGUS KNIVES



No. 94. Goodell (illustrated) 10 inch Blade.....	.Each	\$0.40
No. 10. Russell Riveted Handles, Square Point.....	.Each	.50

STEEL GOODS

Forks, Hooks, Hoes, Spades, Shovels



TWO TINE HAY FORKS

No. 2. 12 in. Tines, Straight Handles, Common Ferrules
 Length of Handles. 4 ft. 4½ ft. 5 ft. 5½ ft. 6 ft.
 Each. \$1.20 \$1.25 \$1.30 \$1.35 \$1.50

FISH FORKS

1 Tine, Common Ferrules, 4 ft. Handles. Each \$0.90
 2 Tine, Common Ferrules, 4 ft. Handles. Each .95
 3 Tine, Common Ferrules, 4 ft. Handles. Each 1.15



THREE TINE HAY FORKS

No. 2. 12 in. Tines, Straight Handles, Common Ferrules
 Length of Handles. 4 ft. 4½ ft. 5 ft. 5½ ft. 6 ft.
 Each. \$1.30 \$1.35 \$1.40 \$1.45 \$1.65

No. 2. 12 in. Tines, Bent Handles, Common Ferrules
 Length of Handles. 4 ft. 4½ ft. 5 ft. 5½ ft. 6 ft.
 Each. \$1.35 \$1.40 \$1.45 \$1.50 \$1.70

No. 3. 13 in. Tines, all Bent Handles, Common Ferrules
 Length of Handles. 4 ft. 4½ ft. 5 ft. 5½ ft. 6 ft.
 Each. \$1.35 \$1.40 \$1.50 \$1.55 \$1.75

No. 4. 14 in. Tines, all Bent Handles, Common Ferrules
 Length of Handles. 4 ft. 4½ ft. 5 ft. 5½ ft. 6 ft.
 Each. \$1.45 \$1.50 \$1.55 \$1.65 \$1.80

THREE TINE BOYS' FORKS

10½ in. Tines, Bent Handles, Common Ferrules
 Length of Handle. 4 ft. 4½ ft.
 Each. \$1.20 \$1.25



15 Inch Tines, Strap Ferrules

3 ft. Handles, Each \$2.00 4½ ft. Handles, Each \$2.05
 3½ ft. Handles, Each 2.00 5 ft. Handles, Each 2.10
 4 ft. Handles, Each 2.00 5½ ft. Handles, Each 2.25



FOUR TINE MANURE FORKS

Handles. 4 ft. 4½ ft. Mall D. Wood D.
 Common Ferrules. Each \$1.65 \$1.70 \$1.65 \$2.10
 Strapped Ferrules. Each 1.85 1.90 1.85 2.40



FIVE TINE MANURE FORKS

Handles.	4 ft.	4½ ft.	Mall D.	Wood D	
Common Ferrules.	Each	\$2.00	\$2.15	\$2.00	\$2.40
Strapped Ferrules.	Each	2.15	2.20	2.15	2.60



SIX TINE MANURE FORKS

Handles.	4 ft.	4½ ft.	Mall D.	Wood D	
Common Ferrules.	Each	\$2.30	\$2.35	\$2.30	\$2.80
Strapped Ferrules.	Each	2.45	2.50	2.45	2.90

EXTRA WIDE MANURE FORKS



15 in. Iron D Handles, Strapped, extra wide

4 Tine, oval.	Each	\$3.10
5 Tine, oval.	Each	3.90
6 Tine, oval.	Each	4.20



SPADING FORKS

Angular Tines, Strapped Ferrules

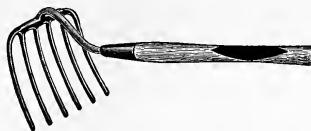
Handles	4 ft.	Mall D.	Wood D.	
4 Tine, Heavy.	Each	\$2.00	\$2.00	\$2.45
4 Tine, Light.	Each	1.85	1.85	2.35
5 Tine, Heavy.	Each	2.60	2.60	3.10

ENSILAGE, COKE, TANNERS and VEGETABLE FORKS



Strapped Ferrules, Iron D Handles

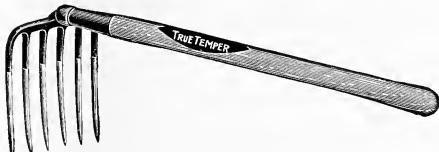
Description	Tines	Shape of Tines	Length of Tines	Width of Tines of Fork	Space between Tines	Each
			In.	In.	In.	
Ensilage,	8	Oval	16			\$2.95
Coke,	8	Diamond	15	12	1¼	2.65
Coke,	10	Diamond	17	14	1¼	3.20
Coke,	12	Diamond	18	18	1¼	3.75
Tanners,	10	Diamond		10	1	3.45
Tanners,	12	Diamond	13	13	1	4.00
Vegetable,	8	Brd. Oval				2.65
Vegetable,	10	Brd. Oval				3.20



MANURE HOOKS

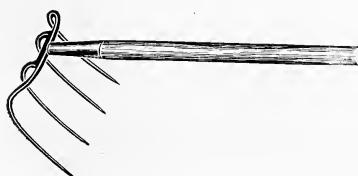
4 Prong Oval, 5 ft. Handles.....	Each \$1.50
5 Prong Oval, 5 ft. Handles	Each 1.60
6 Prong Oval, 5 ft. Handles.....	Each 1.75
4 Prong, Square, 6 ft. Handles.....	Each 2.50

CLAM HOOKS



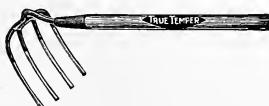
6 Prong, Round	Each \$1.75
6 Prong, Round, extra heavy	Each 2.35
4 Prong, Diamond, Ipswich pattern, Riveted Shanks	Each 1.50
Cape Cod, 4 flat Tines very strong.....	Each 1.40
Burkhart 6 Prong Long Handle	Each 1.70

Extra for nailing or riveting punched shanks.



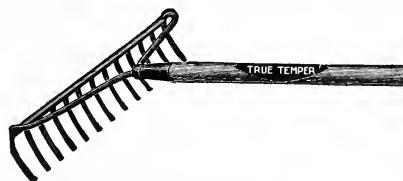
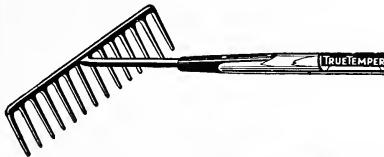
NOYES' STONE-PICKING FORKS

6 Tine, Round Plain Ferrule, 4 $\frac{1}{3}$ ft. Handles.....	Each \$1.80
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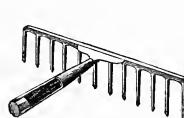
POTATO HOOKS — SOLID STEEL SHANKS

No.		Each
4GN.	4 Oval Prong, Goose Neck	\$1.15
5GN.	5 Oval Prong, Goose Neck	1.45
6GN.	6 Oval Prong, Goose Neck	1.55
5SN.	5 Oval Prong, Swan Neck	1.55
6SN.	6 Oval Prong, Swan Neck	1.70
4BT.	4 Oval Bent Prong	1.15
5BT.	5 Oval Bent Prong	1.45
6BT.	6 Oval Bent Prong	1.55
4HO.	4 Diamond Back Prong, Goose Neck, Solid.	1.30
4HO.	4 Diamond Back Prong, Washington County Pattern	1.30



CAST STEEL GARDEN RAKES

	Each
10 Teeth, Polished, Garden.....	\$0.90
12 Teeth, Polished, Garden.....	1.00
14 Teeth, Polished, Garden.....	1.05
16 Teeth, Polished, Garden.....	1.15
18 Teeth, Polished, Garden.....	1.30
12 Teeth, Polished, Lawn.....	1.20
14 Teeth, Polished, Lawn.....	1.35
16 Teeth, Polished, 1 $\frac{1}{2}$ in. Teeth, Lawn.....	1.45
18 Teeth, Polished, 1 $\frac{1}{2}$ in. Teeth, Lawn.....	1.65
16 Teeth, Polished, Gravel Rakes, 1 in. Teeth.....	1.55
18 Teeth, Polished, Gravel Rakes, 1 in. Teeth.....	1.80
12 Curved Teeth, Solid Bow Rakes.....	1.25
14 Curved Teeth, Solid Bow Rakes.....	1.35
16 Curved Teeth, Solid Bow Rakes.....	1.50



Malleable



Wire Lawn

MALLEABLE IRON GARDEN RAKES

	Each
10 Teeth.....	\$0.50
12 Teeth.....	.55
14 Teeth.....	.60
16 Teeth.....	.65

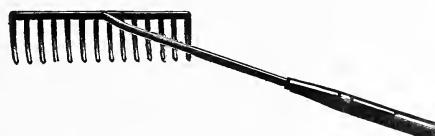
STEEL WIRE LAWN RAKES

24 Teeth.....	.90
36 Teeth.....	1.50
42 Teeth.....	1.55
24 Teeth, Ski Pattern.....	.95



EXTRA HEAVY CAST STEEL ROAD RAKES

14 Teeth.....	Each \$1.60
16 Teeth.....	Each 1.70



EXTRA HEAVY ASPHALT RAKES

14 Teeth, 1 $\frac{9}{16}$ X 19 in., Round Shank, 5 ft. Handles.	Each \$2.45
For Wood Rakes see page 208	



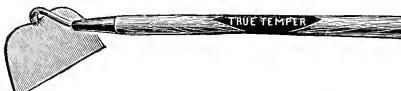
FIELD and GARDEN HOES

Field, 6 in. Shank.....	Each \$1.05
Field, 7 in. Shank.....	Each 1.10
Field, 8 in. Shank.....	Each 1.15



Field, 6 in. Socket.....	Each \$1.15
Field, 7 in. Socket.....	Each 1.20
Field, 8 in. Socket.....	Each 1.25

WASHINGTON COUNTY HOES



Shank.....	Each \$1.30 and \$1.35
Socket.....	Each \$1.40 and \$1.45



Shank Black Finish, 7½ and 8 in.....	\$0.55
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ONION HOES



Solid Shank, Square Top, 7×1¾ in. Blade, 4½ ft. Handles	Each \$1.20
Solid Shank, Round Top, 7×3 in. Blade, 4½ ft. Handles	Each 1.25

SUNNY SIDE HOES



Shank, 7 inch—4 ft. handles.....	Each \$1.15
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MEADOW HOES

Full Polished C. S. Blade, Selected Handles	
8 in. Shank.....	Each \$1.10
9 in. Shank.....	Each 1.20
10 in. Shank.....	Each 1.30
8 in. Socket.....	Each 1.25
9 in. Socket.....	Each 1.35
10 in. Socket.....	Each 1.45



LADIES' HOES

RHODE ISLAND HOES



Socket.....	8 in. Each \$1.30	9 in. \$1.40	10 in. \$1.50
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BOYS' HOES



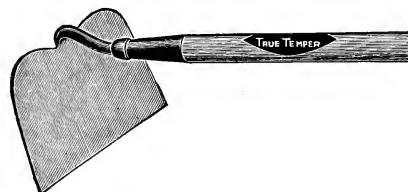
Solid Shank, 6 in. Blade, 4 ft. Handles.....	Each \$0.95
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CORN HOES



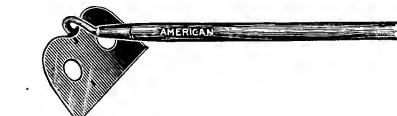
Solid Shank, 7 in. Blade.....	Each \$1.10
8 in. Blade.....	Each 1.15

STREET and MORTAR HOES



Mortar, Shank, 9 in.....	Each \$1.40
Mortar, Socket, 9 in.....	Each 1.40
Mortar, Shank, 10 in.....	Each 1.50
Mortar, Socket, 10 in.....	Each 1.60
Street, Shank, 12 in.....	Each 2.00

TWO-HOLE MORTAR HOES



Solid Shank, 10 in. Blade, 6 ft. Handles.....	Each \$1.60
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WEEDING HOES



6 Teeth, Cast Steel.....	Each \$1.30
4 Teeth, Cast Steel.....	Each 1.15

NURSERYMAN'S HOE



Solid cast steel. Oil tempered.

Handled..... Each \$2.50

CRANBERRY HOE



Used extensively on cranberry bogs or for any work requiring a light, strong tool. Each \$1.80.

LIGHT GRADING HOE

Solid cast steel. Oil tempered. Largely used on Cape Cod in the cranberry bogs. Being light and properly shaped, it is very useful on the farm and a great favourite with all contractors. Without handle..... Each \$1.25
Handled..... Each 1.85

GRUB HOE



Painted black. Polished cutter. Best refined iron with steel bits. No. 3, 4½ lbs..... Each \$1.10

WARREN HOE



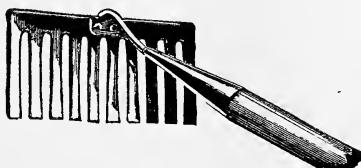
Polished Socket Field Hoe..... Each \$1.45

STABLE HOE or SCRAPER



10 in. Cast Steel Blade, 5 ft. Handle..... Each \$1.10

HUMPHREY HOE



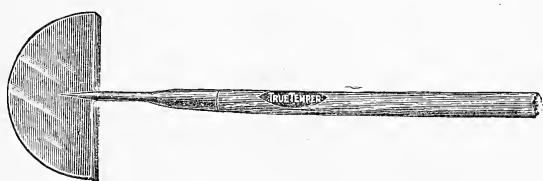
Each..... \$1.10

SCUFFLE HOE



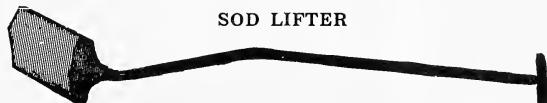
5 in. 6 in. 7 in. 8 in. 9 in. 10 in.
American, handled. Each \$1.10 \$1.15 \$1.20 \$1.25
Dutch, handled Each \$2.00 \$2.25 \$2.35 \$2.45 \$2.60 \$2.75

MARKET GARDENERS' SLIDE or SCUFFLE HOE
Arlington, Handled, 5 in. to 9 in..... Each \$3.50
Robinson Wheel, Handled, 6 or 8 in..... Each 3.50
Extra Blades, Interchangeable, 6, 7, 8 or 9 in..... Each 1.00

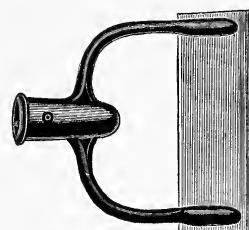
SOCKET TURF EDGER
With Foot Rest

4½ ft. Handles, Flat Top..... Each \$1.35
30 in. Bent Handles with Iron D Tops..... Each 1.45

SOD LIFTER

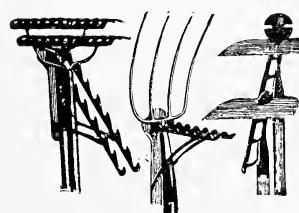


Wood Handle..... Each \$6.50
Withington Solid Shank, Wood D Handle..... Each 2.25



FLOOR SCRAPER

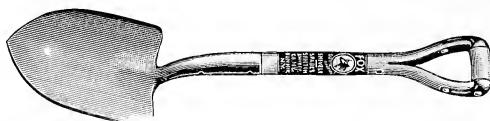
For markets, stores, etc., for removing dirt, grease, etc. from floors. Handled..... Each \$1.25



TOOL BRACKETS

For forks, shovels, rakes and hoes. Best quality malleable iron. Very neat and useful. Can be used to advantage in barn or stable.
Hoe Brackets..... Each \$.75
Rake Brackets..... Each 1.15
Fork and Shovel Brackets..... Each 1.00

FOX SHOVELS and SPADES



No. 2 DHRP Shovel

Patent One Piece Solid Shank

The blades and sockets of the Fox Shovels and Spades are rolled and forged from one solid blank cut from a bar of High Carbon steel manufactured specially for the purpose. The solid construction gives great strength and provides for the stress and strain where it is most required.



Showing Construction

No. 2. D Handle, Square Point, Polished..... Each \$1.75
 No. 3. D Handle, Square Point, Polished..... Each 1.85
 No. 2. Extra D Handle, Square Point, Polished.... Each 1.95
 Long Handled and Round Point Shovels and Spades same prices as above.

"OUR LEADER" SHOVELS and SPADES



Cast Steel, Plain Back, Polished

	Each
No. 2. Square point shovels.....	\$1.80
No. 2. Round point shovels and spades.....	1.80
No. 3. Square point shovels.....	1.85
No. 4. Square point shovels.....	1.90
No. 5. Square point shovels.....	1.95
No. 6. Square point shovels.....	2.00

Long and D handles, same price. For extra length D handles, additional..... .15

"OUR LEADER" MOULDERS' SHOVELS

No. 2. Cast steel, plain back, polished, D handles only..... \$1.80

"HUB" SOLID STEEL SHOVELS and SPADES



No. 2. Square point shovels, plain back, polished..... \$1.60
 No. 2. Round point shovels and spades..... 1.60
 Long and D handles, same price

BOYS' SHOVELS and SPADES



Cast steel, plain back, polished, D handles only..... Each \$1.70

BRECK-ROBINSON NURSERY SPADES



Here is a tool every nurseryman should have who seeks economy in spades. It has a strong, concaved steel blade $12\frac{1}{2} \times 7\frac{1}{2} \times 5\frac{1}{2}$ which will not bend under severe treatment; of course, it is not as strong as a crow-bar. A man cannot break it, unless he does so maliciously. Weight, $5\frac{1}{4}$ lbs..... Each \$2.95

GIANT SCOOP



Each

No. 5. All Steel..... \$2.70
 No. 6. All Steel..... 2.95

MASSACHUSETTS FURNACE SCOOP



Long or D handles, half polished, black..... \$1.70

"OUR LEADER" SCOOPS



Cast Steel, Polished, D Handles

No.	Each	N ^o	Each
2.....	\$1.65	6.....	\$1.85
3.....	1.70	7.....	1.90
4.....	1.75	8.....	1.95
5.....	1.85	9.....	2.00
No. 4. Black, Long handled.....			2.25

O. AMES & SONS SHOVELS and SPADES



Plain Back, Polished, Solid Cast Steel

	Each
No. 2. D handle, square point shovels.....	\$2.10
No. 3. D handle, square point shovels.....	2.20
No. 2. D handle, round point shovels.....	2.10
No. 3. D handle, round point shovels.....	2.20
No. 2. Long handle, square point shovels.....	2.10
No. 3. Long handle, square point shovels.....	2.20
No. 2. Long handle, round point shovels.....	2.10
No. 3. Long handle, round point shovels.....	2.20
No. 14. D handle, square point shovels.....	3.50
No. 2. D handle, spades (long handles same price)....	2.10

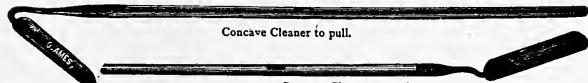
O. AMES and SONS SCOOPS



Cast Steel, Polished, D handles

	Each
No. 2.....	\$1.95
No. 3.....	2.00
No. 4.....	2.05
No. 5.....	2.15
No. 6.....	2.20
No. 7.....	2.25
No. 8.....	2.35
No. 9.....	2.45
No. 10.....	2.50

O. AMES and SONS DRAIN CLEANERS



Blade 12 inches long. 6 foot handle.

No. 821. Concave socket cleaner to push, 12 in. X 4 in.	Each \$2.20
No. 822. Concave socket cleaner to pull, 12 in. X 4 in.	Each 2.20

Other sizes furnished to order only.

O. AMES and SONS POST SPOONS



For Digging out Post Holes

No. 823. 7 ft. handles, size 10X8 $\frac{1}{4}$	Each \$3.10
No. 823. 8 ft. handles, size 10X8 $\frac{1}{4}$	Each 3.20

WIRE POTATO SCOOPS



For handling potatoes and similar vegetables, 30 inch handle.....

Each \$3.25

PATENT WOOD BLADE GRAIN SCOOP



Excellent for handling grain, potatoes, apples, all kinds of vegetables, sawdust, etc. Nicely made, very strong and durable.

Each \$2.50

STEEL GRAIN SCOOPS



Made from gray steel in one piece, having no seam across the bottom, thus preventing the cutting of the floor, as often happens in using other styles of grain scoops.

½ bushel scoops.....	Each \$6.00
1 bushel scoops.....	Each 6.50



Dipper



Sewer Pail

CATCH BASIN or CESSPOOL DIPPER

Dippers, galvanized	Each \$4.75
Dippers, galvanized with handle.....	Each 5.75

BRECK'S SPECIAL GALVANIZED IRON SEWER PAIL

These pails are custom-made and are first-class in every respect. Double ears, extra heavy bail and strapped bottom. Each \$1.75.

CLOUGH'S ADJUSTABLE SIEVES



Open



Closed

An indispensable implement for farmers and others who grow peas, beans, corn, etc. The mesh being adjustable, it is of great advantage in cleaning all kinds of grain and seeds, also in assorting them when a uniform size is desired. Each \$3.50.

BRECK'S "SPECIAL CONTRACTORS" PICKS
Boston pattern



In our "Special Contractors" Picks we use extra strong eye, made from the best quality iron. The steel used in the points is the finest quality of tool steel obtainable. Every pick warranted. 9 lbs. Each \$2.50.

BRECK'S "SPECIAL CONTRACTORS" FROST PICKS

Our "Special Contractors" Frost Picks are warranted and are made expressly for use in frozen ground. 11 to 12 lbs. Each \$3.00

ADZE EYE CONTRACTORS PICKS



Forge finished and oiled. Best refined iron with steel points. Contractors' picks, 8 lbs. Each, \$1.50
Contractors' picks, 8½ lbs. Each, 1.60
Contractors' picks, 9 lbs. Each, 1.70

RAILROAD or CLAY PICKS



Painted black. Polished points. Best refined iron with steel points.

4 to 5 lbs.	Each, \$0.90
5 to 6 lbs.	Each, .95
6 to 7 lbs.	Each, 1.00
7 to 8 lbs.	Each, 1.10
8 to 9 lbs.	Each, 1.20

ADZE EYE MATTOCKS

Pick Mattock



Painted black. Polished point and cutter. Best refined iron with steel point and cutter.

Pick mattock, extra quality	Each, \$1.50
Pick mattock, good quality	Each, 1.20
Long cutter mattock, extra quality	Each, 1.50
Long cutter mattock, good quality	Each, 1.20
Short cutter mattock, extra quality	Each, 1.50
Short cutter mattock, good quality	Each, 1.15

NURSERY MATTOCK

We have had these mattocks made from the finest quality of tool steel and will guarantee them to the fullest extent.

Nursery Mattocks	Each, \$1.40
Handles, Oak, 36 in.	Each, .50

"CUT EZY" MATTOCK

Two polished Blades. 4½ ft. Ash handles. Blades and shank one piece of steel

No. C E 3½	Each, \$1.50
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STEEL CROW BARS



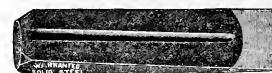
Crow Bar



Pinch Bar

Solid cast steel crow bars. Wedge Points.
Crow bars, 10 lbs. and over. Per lb., \$0.13
Pinch bars, 10 lbs. Each, 1.20

STEEL SPLITTING WEDGES



Square head. Oil finish. Solid Cast Steel. Per lb., \$0.13

Truckee Pattern

Forge finished. Solid cast steel. Per lb., \$0.14

GRANITE or PLUG DRILLS

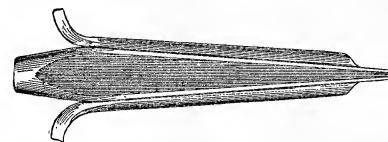


Made from the best quality tool steel. Sharpened and ready for use. Tapered, pointed and headed.

3/4 in., quarter octagon, 18 in. Each, \$1.00

Special prices on large quantities.

WEDGES and SHIMS



Nos. 3 and 4½ shims and wedges carried in stock, any other numbers furnished promptly at reasonable prices.

No. 3. Wedges and Shims. Per lb., \$0.40

No. 4½. Wedges and Shims. Per lb., .40

Special prices on large quantities

EARTH or FROST WEDGES



Heavy steel. Best quality. 16 to 18 in. long. Used for opening frozen ground in excavating, or for any kind of outside work during the Winter months. Per lb., \$0.28

STONE HAMMERS



Stone Hammer



Striking Hammer



Hand Drilling Hammer

Forge finished and oiled. Solid cast steel.

Stone hammers, 5 to 30 lbs. Per lb., \$0.28

Stone hammers, 3 to 5 lbs. Per lb., .34

Stone hammers, under 3 lbs. Per lb., .38

STRIKING HAMMER

Oil finished. Polished faces. Solid cast steel.

Striking hammers, 5 to 30 lbs. Per lb., \$0.22

Striking hammers, 3 to 5 lbs. Per lb., .28

Striking hammers, under 3 lbs. Per lb., .34

HAND DRILLING HAMMERS

New England pattern. Oil finish. Polished faces. Solid cast steel.

Hand drilling, 5 lbs. and over. Per lb., \$0.28

Hand drilling, 3 to 5 lbs. Per lb., .34

Hand drilling, under 3 lbs. Per lb., .38

WOOD CHOPPER'S MAUL



Straight bit. Axe finish. Solid cast steel. 5 lbs. and over.
Per lb., \$0.24

RAILROAD TRACK MAUL



Oil finished. Polished face. Solid cast steel. 5 lbs. and over.
Per lb., \$0.20

Railroad track mauls weigh from 5 to 12 lbs. each.

WOOD BEETLES and MAULS



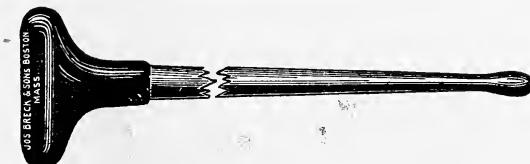
Wood Beetles, 6 in. diameter, 10-in. long Each, \$4.00
Contractor's Mauls, 6-in. diameter, 12-in. long Each, 6.00

DIRT and SOD TAMPER



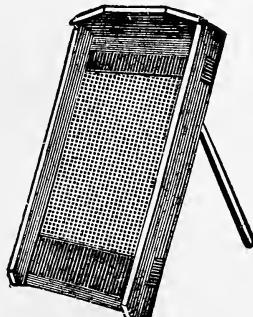
No. 6. 8×8 inches, 17 lbs., handled Each, \$2.10

TRENCH RAMMER



Trench Rammer, 20 lbs., handled Each, \$2.15

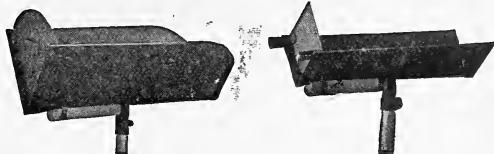
SAND, GRAVEL and COAL SCREENS



All wire in these screens is made of the very best Bessemer steel, and is drawn to a temper most adapted to wear and stand the longest in the screen. It is an extra heavy grade and the wires double crimped. The frames are of seasoned oak, strongly made and ironed. All the iron work is japanned to prevent rusting, and the woodwork is done over with a heavy coat of clear raw linseed oil, thus adding greatly to the preservation of the screen when exposed to the weather. The sides and top of screen flare a little, and it is altogether the best screen made. Any size of mesh desired.

Complete with iron leg, under 1-in. mesh Each, \$14.00
Complete with iron leg, over 1-in. mesh Each, \$15.00

STEEL, BRICK, and MORTAR HODS



No. 158
Mortar Hod

No. 162
Brick Hod

"Never Drip" Steel Hods weigh when in use 25 to 50 per cent. less than the common wooden hod. Strongest mortar and brick hods manufactured.

No. 158 Steel Mortar Hods 24×11½×12, weight including

handle 11 lbs. Each, \$2.25

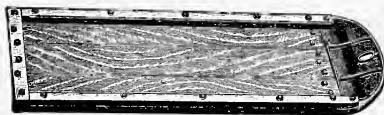
No. 162 Steel Brick Hods 22×7×10, weight including
handle 8 lbs. Each, 1.75

ROOT and BRUSH PULLERS



Very strong and serviceable. 3 prong, heavy wrought
iron Each, \$15.00

EXTRA HEAVY STONE-BOATS



Stone Boats well made of 2-inch stock, well finished and painted.
2-horse, 7 ft. long × 33 inches wide, complete. Each, \$18.00

CAST STONE-BOAT HEADS

Cast Head only.

Two-horse, 33 inches wide with Bolts. Each, \$8.00
One-horse, 29 inches wide with Bolts. Each, 7.00

"OLD HICKORY" LOW DOWN HANDY WAGON



The "Old Hickory" Low Down Handy Wagon is the strongest and best wagon of this type in the market, and should be on every farm. Guaranteed against defective material and workmanship for one year.

Size No. Skein	Height Front	Size of Wheels Front	Height Rear	Size of Wheels Rear	Capacity lbs.	Track lbs.	Bolster lbs.	Size of Weight city
5½ 3½"×10"	32"	36"	3×36"	550	4000	5' or 4'8"	38" or 42"	Each, \$95.00

Can be furnished with Pole or Shafts as desired.

SOLID STEEL DRAG SCRAPERS

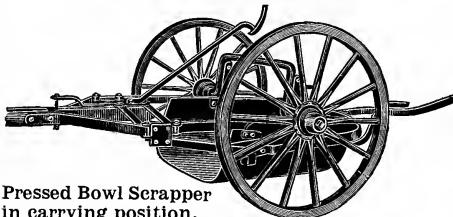
Front view;
ready to fill.



These scrapers are made from heavy plates of specially hardened steel, and are stamped from one sheet without joint, seam or rivet. They are superior to any other drag scraper made. The bowl being made of thicker and harder steel, enables it to scour where no other scraper will, and owing to the sharp, rounded nose, it will enter the ground more readily than any other scraper. The bails are steel, with perfect working swivels, and handles of hardwood. We guarantee this scraper in every particular. Made in three sizes.

No. 1. Capacity, 7 cu. ft., with runners *Each, \$13.50*
 No. 2. Capacity, 5 cu. ft., with runners *Each, 12.50*
 No. 3. Capacity, 3 cu. ft., with runners *Each, 10.75*

NEW IMPROVED PRESSED BOWL WHEEL SCRAPERS



Pressed Bowl Scraper
in carrying position.

The only perfect wheel scraper. The bowl is stamped from one solid plate of wrought steel, three-sixteenths of an inch thick, without joint, seam or rivet, and owing to the fact that they are pressed hot, we are able to use much harder and stiffer steel than is possible in the old-style square box wheelers, which are cut and bent up cold. The bottoms of all pressed bowl scrapers are oil tempered. All metal working parts of best soft steel. The improved wood wheels, with hardened cast hubs, are much superior to the old-style wooden hub wheels with which other wheel scrapers are made, being more durable and running easier. Whiffletrees and neck-yokes are never furnished with wheel scrapers, unless specially ordered, and are always charged extra.

No. 1. The bowl, which is the hardest and best steel, is 34 in. \times 34 in. \times 11½ in. Capacity, 9 cu. ft. level full, but will carry an average load of 10 cu. ft. Gauge of track, 4 ft. 2 in. Weight, 375 lbs. *Price on application.*

No. 2. Capacity, 13 cu. ft.; wheels, 40 in. in diameter; tire 3 \times ½ in.; size of bowl, 36 in. \times 38 in. \times 13½ in. Tracks, 4 ft. 7 in. Weight, 600 lbs. *Price on application.*

No. 3. Capacity, 17 cu. ft.; wheels, 46 in. in diameter; tire 3 \times ½ in.; size of bowl, 42 in. \times 42 in. \times 16 in. Tracks, 5 ft. 2 in., Weight, 744 lbs. *Price on application.*

MANILA ROPE

Hay Rope, Bolt Rope, Lathyarn, Marline, Tallow-Laid Rope, Quarry Rope (selected Stock), Artesian Well Cables

All at lowest market prices.

Manila Rope, 5/8 in. diameter and larger.

Manila Rope, 3/4 in. to 5/8 in. diameter, inclusive.

Price on application

Special prices for full coils or in large quantities.

EUREKA POST HOLE DIGGER



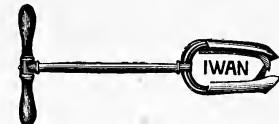
This digger has been thoroughly tested during the past twenty years in all parts of the country and has given perfect satisfaction. *Each, \$1.75.*

IWAN'S POST HOLE AND WELL AUGER

For telephone, telegraph, street car, and other electric construction purposes. Used by U. S.

Signal Service in the Philippines for telegraph construction.

Received highest award World's Columbian Exposition. Telephone, telegraph, electric light, and street car companies will find this auger a valuable tool to place in the hands of their construction gangs, as it greatly lessens the labor and materially facilitates the digging of post holes.

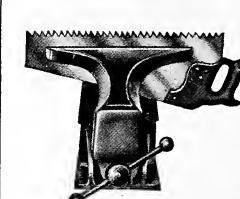


It is the only auger that has met with universal satisfaction under all conditions of soil. It is effective in operation, and unexcelled for easy and quick work; no suction when removed from the hole. With this auger an operator can do three times as much work as with any other auger or digger now in use. The condition of the ground makes no difference. Whether wet or dry it simply gets there every time. Total length of 12 and 14 inch sizes, 6 feet. All other sizes 4 feet.

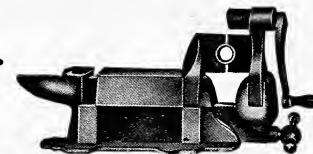
*Sizes, inches 3 4 5 *6 *7 *8 *9 *10 12 14
Each \$2.25 2.25 2.25 2.25 2.50 2.50 2.75 3.00 9.00 11.50*

*Sizes marked * carried in stock.*

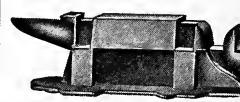
HANSON COMBINATION VISE



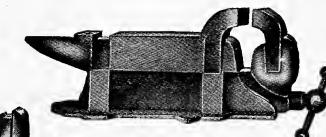
Saw Clamp



Anvil and Vise



Anvil



Drill

Is neat, cheap and complete, well made and will stand hard service. It will test the mechanical skill of the boys and be a Manual Training School to them. It is a Farmer's Repair Shop and indispensable to a small shop or mechanic, or any householder. Steel Faced Anvil, weight complete, about 65 pounds.

Hanson Vise, complete *Each, \$14.00*

ADZE EYE NAIL HAMMERS



Extra Quality, Bell Face.

No. 51½. Extra quality, weight 1 lb., Polished.....Each, \$1.50
 No. 52. Extra quality, weight 13 oz., Polished.....Each, 1.45
 No. 011½. Extra quality, weight 1 lb., Black Forged Finish.....Each, .75
 No. 012. Extra quality, weight 13 oz., Black Forged Finish.....Each, .70

Weight does not include handle.

COE'S GENUINE SCREW WRENCHES



Improved patent knife handle.

6 inch, black, opens $\frac{3}{8}$ inch.....Each, \$0.85
 8 inch, black, opens $1\frac{1}{4}$ inch.....Each, 1.00
 10 inch, black, opens $1\frac{3}{4}$ inch.....Each, 1.20
 12 inch, black, opens $2\frac{1}{8}$ inch.....Each, 1.50
 15 inch, black, opens $2\frac{3}{8}$ inch.....Each, 2.00
 18 inch, black, opens 3 inch.....Each, 2.50
 21 inch, black, opens $4\frac{1}{8}$ inch.....Each, 3.00

THE STILLSON ADJUSTABLE PIPE WRENCH



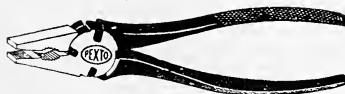
Wood Handles

Length when open 6 in. 8 in. 10 in. 14 in. 18 in.
 Grips $\frac{1}{8}$ Wire $\frac{1}{8}$ Wire $\frac{1}{8}$ Wire $\frac{1}{4}$ Wire $\frac{1}{4}$ Wire
 to to to to to
 $\frac{1}{2}$ Pipe. $\frac{3}{4}$ Pipe. 1 Pipe. $1\frac{1}{2}$ Pipe. 2 Pipe.
 Each \$1.80 \$2.00 \$2.25 \$3.15 \$4.50

Steel Handles

Length when open 24 in. 36 in. 48 in.
 Grips $\frac{1}{4}$ Wire to $\frac{1}{4}$ Pipe to 1 Pipe to
 $2\frac{1}{2}$ Pipe $3\frac{1}{2}$ Pipe 5 Pipe
 Each \$6.50 \$12.15 \$18.00

WIRE CUTTING PLIERS



Best quality cast steel, 8 inches.....Each, \$1.00

THIN STRAIGHT-NOSE PLIERS



No. DB7. Crescent, 5 inch.....Each, \$0.50
 No. DB7. Crescent, 6 inch.....Each, .50

Nickel Plated

FOUR TUBE REVOLVING PUNCHES

Four Tube Punches.....Each, \$1.50; *postpaid*, \$1.65.

"GOLD MEDAL" FILES

5-inch slim taper.....	<i>Each</i> , \$0.15
6-inch slim taper.....	<i>Each</i> , .20
7-inch slim taper.....	<i>Each</i> , .30
5-inch extra slim taper.....	<i>Each</i> , .15
6-inch extra slim taper.....	<i>Each</i> , .20
7-inch extra slim taper.....	<i>Each</i> , .30
6-inch mill bastard.....	<i>Each</i> , .25
8-inch mill bastard.....	<i>Each</i> , .35
10-inch mill bastard.....	<i>Each</i> , .45

PATENT STEEL WIRE BALE TIES



We furnish promptly Bale Ties of all kinds of presses and for all sorts of materials, for baling or bundling hay, straw, flax, tow, excelsior, wool, cotton, cotton seed, hulls, rags, lintels, shavings, sawdust, leather, etc.

Bale Ties 8 feet 9 inches long, No. 15 Wire, bundle of 250 Ties.....*Per bundle*, \$4.50

PAPER BALING PRESS TIES

No. 15 Wire, 7 ft. 3 inches long. Cross head. Bundle of 250 Ties.....*Per bundle*, \$4.00

NEW PATTERN BURNING BRAND



Each brand is cast in one piece, allowing no chance for the letters to become loose as in the old-style brands. The iron shield attachment covers the letters while the brand is being heated, thus protecting them from injury by the fire. Shields are not necessary on brands larger than one-half inch, and will only be furnished on larger sizes by special order. They are made with extra long handles, are finished in a superior manner, and will last a lifetime with proper use.

	<i>Each</i>	<i>Each</i>
$\frac{1}{4}$ " letters, 8 letters or less, \$3.50	Extra letters,	\$0.30
$\frac{3}{8}$ " letters, 8 letters or less, 3.50	Extra letters,	.30
$\frac{1}{2}$ " letters, 8 letters or less, 3.50	Extra letters,	.30
$\frac{5}{8}$ " letters, 8 letters or less, 4.00	Extra letters,	.40
$\frac{3}{4}$ " letters, 8 letters or less, 4.00	Extra letters,	.40
$1\frac{1}{2}$ " letters, 8 letters or less, 4.50	Extra letters,	.60

OILERS

No. 13. Copper Plated.....*Each*, \$0.25
 No. 77. Mowing Machine.....*Each*, .15
 Dandy Assortment for dealers, 12 assorted cans.....\$2.70

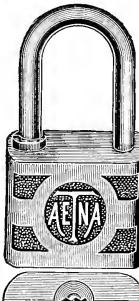
EAGLE PADLOCKS



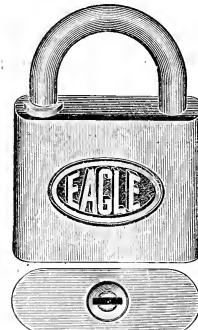
No. 4483 1/4



No. 04239S



No. 04608



No. 04381



No. 4167 1/4

No. 4167 1/4. 2 in. Brass Plated. Each, \$0.20
 4483 1/4. 2 in. Wrought Steel, Brass Plated. Each, .50
 0439S. 1 1/2 in. Cast Brass, 1 1/8 in. Steel Shackle. Each, .65
 04608. 2 1/8 in. Cast Brass, Round Steel Shackle. Each, .85
 01381. 2 in. Cast Brass, Brass Shackle. Each, .90

AMERICAN CARPET TACKS



Blued

	Pkg.
No. 3. Cut 1/8 lb. package.	\$0.05
No. 4. Carpet, 1/8 lb. package.	.04
No. 6. Carpet, 1/8 lb. package.	.04
No. 8. Carpet, 1/8 lb. package.	.04
No. 10. Carpet, 1/8 lb. package.	.04
No. 12. Carpet, 1/8 lb. package.	.04
No. 14. Carpet, 1/8 lb. package.	.04

	Pkg.
No. 3. Cut, 1/8 lb. package.	.05
No. 4. Carpet, 1/8 lb. package.	.04
No. 6. Carpet, 1/8 lb. package.	.04
No. 8. Carpet, 1/8 lb. package.	.04
No. 10. Carpet, 1/8 lb. package.	.04
No. 12. Carpet, 1/8 lb. package.	.04
No. 14. Carpet, 1/8 lb. package.	.04

AMERICAN DOUBLE POINTED CARPET TACKS



Blued

	Pkg.
No. 10. 1/8 lb. package.	\$0.05
No. 11. 1/8 lb. package.	.05
No. 12. 1/8 lb. package.	.05

	Pkg.
No. 10. 1/8 lb. package.	.05
No. 11. 1/8 lb. package.	.05
No. 12. 1/8 lb. package.	.05

UPHOLSTERY NAILS

No. 42. Brass Plated, package of 50.	.08
Black, package of 50.	.08
Tan, package of 50.	.08

YANKEE TACK PULLER



Yankee. Each, \$0.10

STEEL WOOL

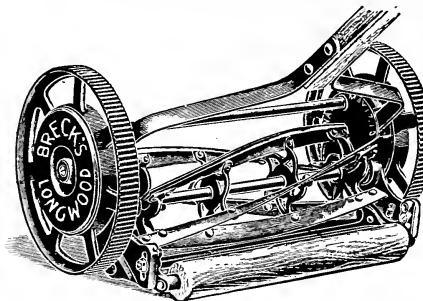


	Pkg.
No. 00. Extra Fine.	\$0.10
No. 0. Fine.	.10
No. 3. Medium.	.10
No. 1. Coarse.	.10

ABRAZO

Cleans and polishes in one operation, Aluminum, Enamel, and Granite Ware. Tin, Iron, Copper and Brass. Six Steel Pads and one Cake Soap. Per package, \$0.12

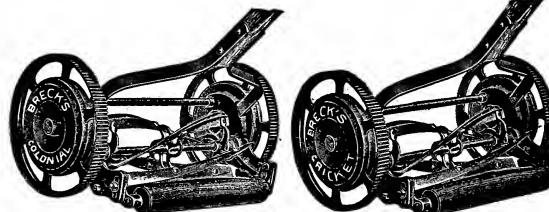
HAND LAWN MOWERS



BRECK'S LONGWOOD LAWN MOWER

Finest Lawn Mower made. Fully Guaranteed in every respect. A ball-bearing mower internationally known for its strength, durability, construction, and the fine work it does. This mower cannot be excelled. Ten-inch drive wheels. Five tempered tool-steel blades on reel. Size of reel, 6 inches. Patent cone adjustment. Highest grade self-sharpening underknife obtainable. Double riveted blades on the reel. Extra-size cones cut from solid steel bars. High-grade balls, retainers, and ball cases.

15 in. 17 in. 19 in. 21 in.
Each..... \$19.00 \$20.00 \$21.00 \$22.00



New Colonial

Cricket

BRECK'S NEW COLONIAL LAWN MOWERS

Made with 10 inch wheels, 4-bladed wiper, and ball bearings.
15 in. 17 in. 19 in. 21 in.

Each..... \$17.50 \$18.50 \$19.50 \$20.50

BRECK'S CRICKET MOWERS

Best low-priced machine made.

10-in. High Wheels, 4-Blade Wiper, Ball Bearings

High-Wheel Cricket Mowers

12 in. 14 in. 16 in. 18 in.

Each..... \$13.00 \$13.75 \$14.50 \$15.00

Low-Wheel Cricket Mowers

8-in. Low Wheels, 3-Blade Wiper, Plain Bearings

12 in. 14 in. 16 in. 18 in.

Each..... \$8.25 \$9.00 \$9.50 \$10.50

LAWN MOWER SHARPENING AND REPAIRS

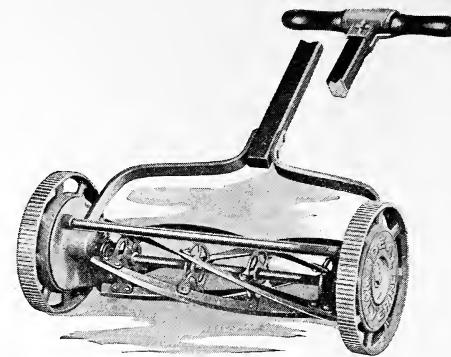
We sharpen and repair at reasonable prices all kinds of Hand, Horse, and Power Mowers. Send us your machines early and avoid the rush when the season opens. Shipping and Return tags sent free on request. Prices: Hand mowers, \$2.00 each. Horse mowers, \$7.50 each. Cutting units for Power Mowers, \$6.00 each. Engine work, per hour, \$1.25. Parts required to put mowers in good condition are supplied by us and charged extra at manufacturer's prices.

N.B.: Transportation either way is not included in above prices.

LAWN MOWER OIL

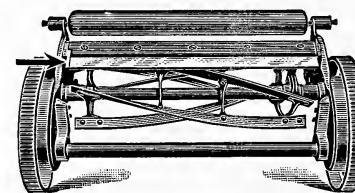
Our lawn mower oil is made from the finest quality of pure sperm oil. Nothing can be better adapted to lawn mowers, mowing machines, and in fact to any machine that is run at high speed.

4 oz. round cans, with spring bottom and spout..... Each, \$0.25
8 oz. round cans, with spring bottom and spout..... Each, .30



IDEAL WOLVERINE HAND MOWER

A sturdy mower from handle-grips to cutting bars. A highly economical machine. Wheels 10 inch, Timken roller bearings. Each, 16 inch, \$26.00; 18 inch, \$28.00.

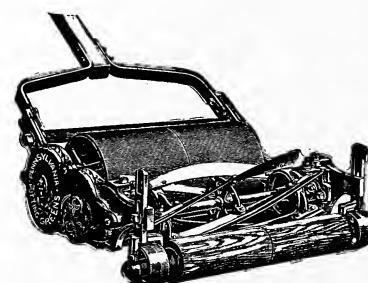


SELF SHARPENING LAWN MOWER BLADES

The Flexible Self-Sharpening Blade is the greatest lawn shearing invention of the age, and is pronounced by leading golf course architects and engineers as the most valuable accessory ever devised for shearing a perfect green. These blades are used by more than thousand exacting superintendents of golf courses, parks and large private estates.

Easily attached to any make of Mower.

16 to 22-inch lengths.....	Each, \$1.50
26 to 31-inch lengths.....	Each, 6.00
35 to 40-inch lengths.....	Each, 7.00

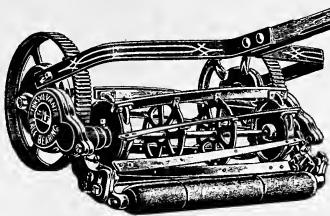


PENNSYLVANIA PUTTING GREEN or BORDER MOWER

Roller 7 in. dia. Cylinder 5½ in. dia. 6 Blades. The stationary knife is bolted rigidly to the frame, making the adjustment entirely with the cylinder. The journal boxes or cylinder bearings are self-aligning, insuring a perfect cutting edge the entire length of the blades. This mower can be set to cut $\frac{1}{16}$ of an inch adapting it to putting greens, tennis courts, cricket creases, and other work requiring an exceptionally close and smooth cut. It can also be used as an edge trimmer for the ordinary lawn.

The front wood roller supports the machine better in mowing terraces, but can be readily removed if desired, leaving only the casters as supports.

12 inch.....	Each, \$24.00
14 inch.....	Each, 28.00
Grass Boxes, 12 or 14 inches.....	Each, 8.00

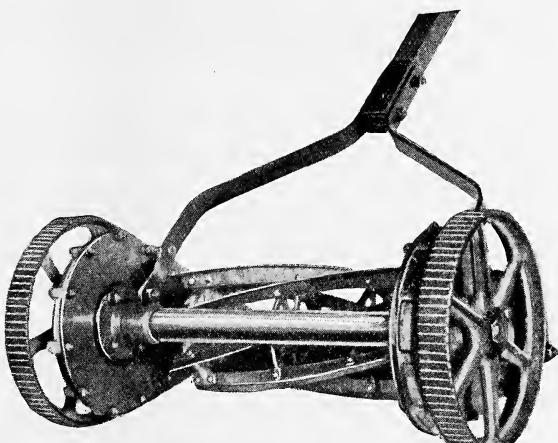


PENNSYLVANIA GOLF MOWER

Wheels, 10 in., Ball-Bearing, 7 Knife.

This machine can be adjusted to cut $\frac{3}{16}$ of an inch, practically shaving the lawn, and is especially adapted to golf courses, tennis courts, and exceptionally fine lawns. Has a double train of gears. Crucible tool steel blades.

17 incb..... Each, \$34.00
19 incb..... Each, 38.00
Grass Boxes, 17 or 19 incb..... Each, 8.00

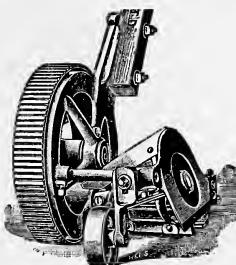


The "CARTER" Putting Green Mower

Wheels 10½ inches, 8 blades, 18 inch cut

Easiest running, closest and finest cutting Putting Green mower ever produced. Will cut to $\frac{1}{6}$ inch of the ground. Driven by chain and roller clutches; sprockets and chain run in oil. S.F.K. roller bearings for every moving part. Noiseless. Steel handles. No cast iron in its construction, guaranteed for one year against all breakages or undue wear. Send for descriptive circular.

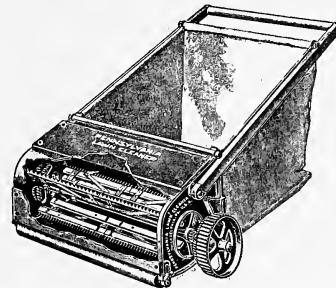
Price, including Grass Catcher..... Each, \$75.00



PENNSYLVANIA UNDERCUT LAWN TRIMMER

The unique construction of the undercut trimmer permits cutting, not only close up to a wall, fence, tree, etc., but it will get the grass under a fence or rock-cut base of tomb stones, house foundations and other places hitherto out of reach of anything but hand shears. 4 Knives, Ball Bearings.

5-inch cut..... Each, \$12.00



PENNSYLVANIA LAWN CLEANER AND RAKE

This machine will remove from the lawn not only the cut grass, but all sorts of litter, leaves, and trash, leaving the grass standing upright and free from foreign matter that prevents the sunlight and dew from getting to the roots. The action of the three revolving wire-tooth rakes is beneficial to the turf. It raises up the low-growing crab grass and other spreading weeds, allowing the lawn mower to cut the seed pods off before they ripen, thus preventing their reappearing the following year. This machine is easy to operate, and with it, one man will do more and better work than four men with hand rakes. No. 124, 24-inch sweep; No. 236, 36-inch sweep. Also furnished with brushes in place of rakes.

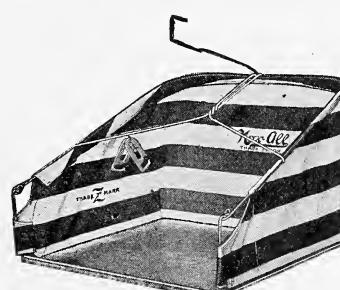
24-incb..... Each, \$35.00
36-incb..... Each, 50.00



SPRINGFIELD LAWN AND GOLF SWEEPER

For sweeping lawns, walks, golf grounds, etc. The Springfield Lawn Sweeper is made in 28-inch width. Also in a 28-inch width, especially for golf greens.

Lawn Sweeper, 28-inch..... Each, \$33.00
Golf Sweeper, 28-inch..... Each, 36.00



NOX-ALL GRASS CATCHER

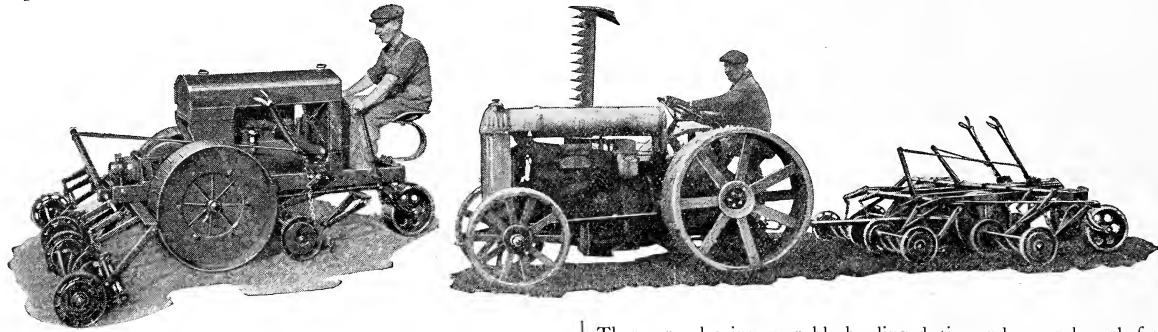
Collapsible frame of galvanized wire. Heavy galvanized iron bottom with slots making catchers adjustable to fit different sizes of mowers. Furnished in fine quality duck only.

No. 508 H. S. Fits 12 to 16-inch mowers..... Each, \$1.40
No. 509 H. S. Fits 16 to 20-inch mowers..... Each, 1.50

IDEAL POWER LAWN MOWERS

HOW LARGE LAWNS ARE KEPT IN FINE CONDITION

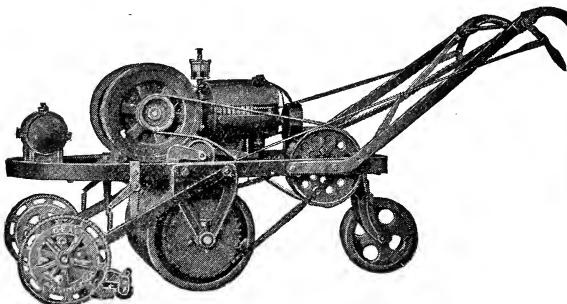
Ideal Power Lawn Mowers are designed and built for keeping large lawns in fine condition. That they are great savers of time and money is evidenced by the thousands in use on large estates, municipal parks, cemeteries, golf courses, college grounds, school grounds, ball parks, etc. Wherever the Ideal is used labour troubles vanish; and smooth, velvety lawns are maintained at minimum expense.



THE IDEAL 86 INCH POWER TRIPLEX MOWER

This machine is designed essentially to care for large areas of grass. It cuts a swath 86 inches wide. The powerful 4 cylinder, 15 H. P. motor operates the machine at speeds varying from $2\frac{1}{2}$ to 7 miles per hour. The control is very simple, being placed in two levers, one on each side of the operator. No shifting of gears or brake rods. Machine will turn in its own radius. The outfit will mow up and over steep inclines and over irregular ground. Just the machine for golf courses, extra large public parks, polo grounds, etc. *Special literature on request.*

86 inch Triplex with three Cutting Mowers. *Each, \$1300.00*
30 inch Bull Dog Cutting units. *Each, 90.00*



IDEAL 30 INCH POWER LAWN MOWER

The Ideal as shown above is a combined power mower and roller. The 30 inch cutting unit is easily raised or lowered by a conveniently placed lever. This machine will mow from four to five acres of grass per day, at an operating expense of about 50 cents for fuel and oil. It will do more and better work than five men with hand mowers. Quickly converted into a riding mower with the riding trailer which is furnished at a slight additional cost. When used for golf course work, an interchangeable cutting unit can be furnished for use on putting greens.

30 inch with one Cutting Mower. *Each, \$375.00*
30 inch Riding Attachment. *Each, 25.00*
30 inch Cutting Mower only, *Each, 50.00*

IDEAL BULL DOG 5 UNIT MOWER

For Tractor Hitch

Mowing large lawns such as Golf Courses, Parks, Cemeteries, Large Estates, Institutions, etc., involves a difficult labor problem and considerable expense. Doing the work by hand is prohibitive. The problem is solved to certain extent by a horse drawn outfit, yet the most modern and economical method is the use of power. Practically every golf course purchases one or more Fordson Tractors for use in building and grading their course.

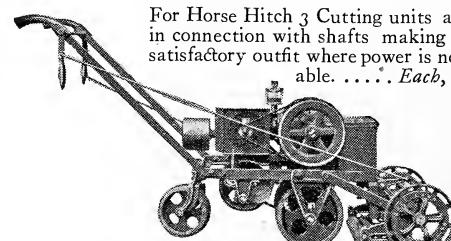
There are also innumerable hauling duties and general work for which a Fordson Tractor is being used on golf courses and other large grounds. Owners of Fordson Tractors have long wished to utilize their power plant for the mowing of their lawn, but heretofore the mowing outfits available for this work have not been satisfactory. They would not stand the hard steady grind of mowing grass behind the Fordson Power plant. Both the Ideal "Bull Dog" 5 and 3 unit mowers are specially designed for tractor hitch. They have extra heavy construction, Timken Bearings in the cutting units and every provision for long life and dependable service. It is only necessary to attach an Ideal "Bull Dog" Mower to your Fordson, and you immediately have a fast, dependable lawn mowing outfit which quickly pays for its cost in the saving of labor and the improved appearance of the lawn. On the golf course, such a mower is an absolute necessity for the maintenance of the fairway. This combination in fact, offers the economical solution of lawn maintenance on any large lawn.

Ideal Bull Dog 5 Unit Mowers. *Each, \$650.00*
Descriptive circulars on application

IDEAL BULL DOG 3 UNIT MOWERS

For Horse Hitch

For Horse Hitch 3 Cutting units are used in connection with shafts making a very satisfactory outfit where power is not available. *Each, \$425.00*



THE IDEAL JUNIOR POWER MOWER

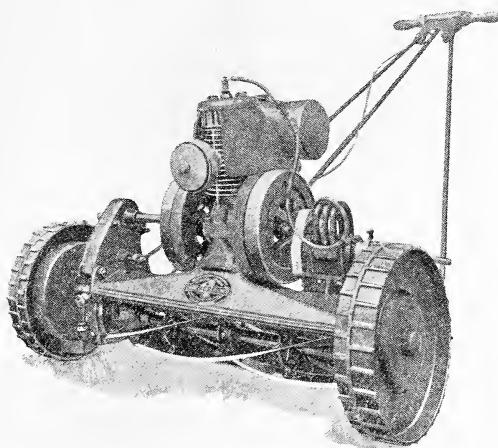
This little Power Mower is built to meet the needs of those who have lawns that are too large to care for conveniently by hand, yet are hardly large enough to warrant the purchase of the larger power mowers. In general design the Junior Mower is the same as the larger Ideal. Every feature that had made the larger machine such a universal success will be found in this smaller mower. The cutting unit is 22 inches wide. The Ideal Junior will nicely care for 2 to 3 acres of grass and will prove a paying investment in caring for lawns as small as 150 to 200 feet square. It is a machine especially well adapted to the work in cemeteries.

Special literature furnished on request.

22 inch with one Cutting Mower. *Each, \$255.00*
22 inch Cutting Mower only. *Each, 35.00*

4-Acre Power Lawn Mowers

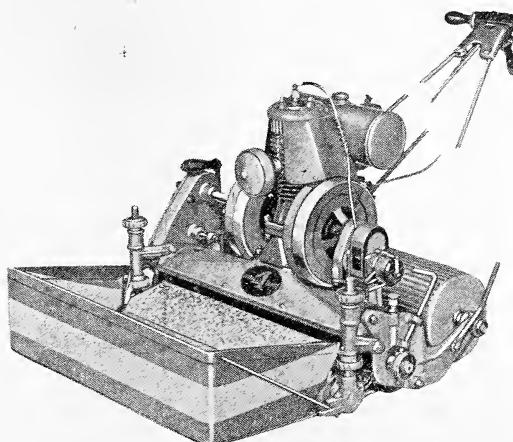
*Cuts four acres of grass
on one gallon of gas*



4-Acre Power Mower, 24 inch..... *Each, \$270.00*

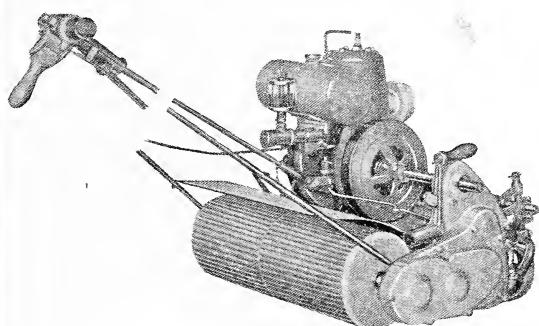
Grass catchers..... *Each, 5.00*

The 4-Acre Power Lawn Mower stands in a class of its own. It is the smallest, most compact and simple power mower on the market today, weighing only 200 pounds, and occupying only a space of 18×35 inches when not in use. It cuts a swath of grass 24 inches wide, and travels by its own power at the rate of 3 to $3\frac{1}{2}$ miles per hour, which gives it a cutting capacity of fully four acres per day at a fuel cost of less than 40 cents, and doing the work of 4 to 6 men.

RACINE POWER PUTTING GREEN MOWERS
With Grass Catcher

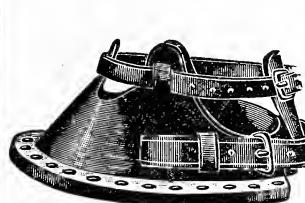
Racine Putting Green Mower 24 inch complete. *Each, \$325.00*
This splendid mower, especially designed for work on putting 'greens', is the answer to a demand created through the performance and country-wide popularity of our standard "4-Acre" Power Mower. The "4-Acre" has been in use over two years on private estates, in parks and cemeteries and its never-failing dependability created many admirers who requested a similar mower especially adapted to work on putting greens.

Guarantee: We guarantee our "Racine Putting Green Mowers" to cut your grass satisfactorily and to be as represented in every particular, or we refund the purchase price.

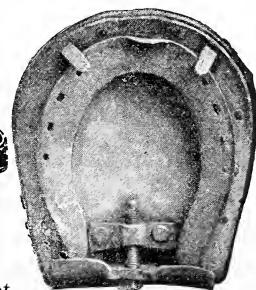
RACINE ESTATE MOWERS
With Grass Catcher

Racine Estate Mower Complete..... *Each, \$325.00*

The Racine Estate Mower is especially adapted to Old fine lawns of medium size. On such lawns a roller mower is needed to preserve the smooth velvety surface. This machine is built on the same general lines as the "4 Acre" with the necessary additions to accomplish the best results.



Links Lawn
Horse Boot



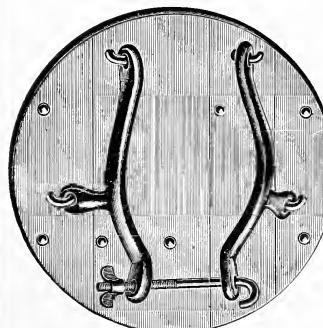
Baker's
Horse Boot

HORSE LAWN BOOTS

For Lawn or Golf work, Horse Boots are indispensable for use in connection with Mower or Roller.

	<i>Per Set</i>
Links Lawn, No. 2 or No. 2 Shoe.....	\$18.00
Links Lawn, No. 4 or No. 4 Shoe.....	18.00
Links Lawn, No. 6 or No. 6 Shoe.....	18.00
Baker's, with Leather Taps.....	10.00
Baker's, without Leather Taps.....	7.50

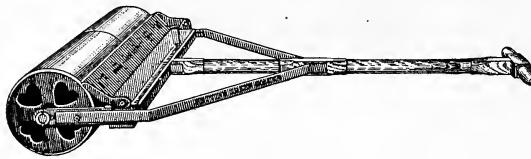
When ordering, give diagram showing size of horse's feet or the size of shoe used.

MARSH OR MEADOW SHOES

Randall's Improved Ratchet Marsh Shoe will fit any horse if properly adjusted. If the shoe does not fit the horse, take out one of the staples at the heel of the shoe and widen or narrow as the case may require.

Randall's Improved
Latest Improved Adjustable..... *Per set, \$11.00*

Dodge Patent
Improved Adjustment..... *Per set \$9.00*

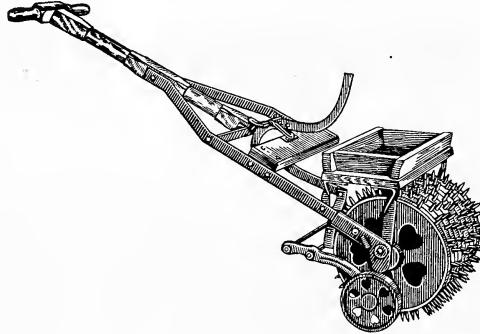


PUTTING GREEN ROLLER

This Roller is designed especially for use on Putting Greens and Fine Lawns. Made in four one-foot sections, making the Roller four feet wide. The Roller is turned smooth on the face and silver finished and equipped with scraper; the outer edges are beveled. The lasting quality of this roller is indefinite.

Roller made of Cast Iron.....Weight, 225 lbs.
Roller made of Wood.....Weight, 200 lbs.

Prices on application

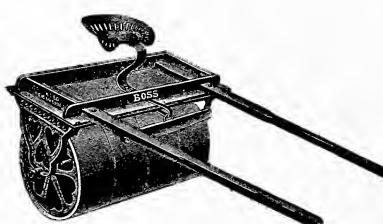


PERFORATING ROLLERS

Horse or tractor drawn, for Fair Greens, Polo Fields, Golf Courses, and Fine Lawns. The depth of perforation is regulated accurately. Surface cohesion and compacting may be remedied by the use of this Perforating Roller, which is one of the most useful implements that has ever been used for treating large turf areas. Not only do the spikes on the roller perforate the soil, letting the air and light to the roots, but as they leave the ground they exert a slight lifting action on the turf, which so promotes aeration and free percolation as to have a most remarkable tonic effect.

Size	Weight	Width
Hand	200 lbs.	13 in.
One Horse	1600 lbs.	36 in.
One Horse	1800 lbs.	48 in.
Two Horse	2000 lbs.	60 in.
Two Horse	2400 lbs.	72 in.

Prices on application



"BOSS" GOLF FIELD AND LAWN ROLLERS

One-horse Golf and Lawn Rollers

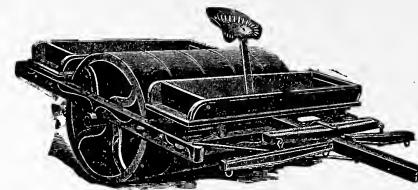
No.	Diameter	Length	Sections	Face	Weight
40	24 in.	30 in.	3	10 in.	650 lbs.
41	24 in.	40 in.	4	10 in.	800 lbs.
42	24 in.	50 in.	5	10 in.	950 lbs.

Two-horse Field Rollers

72	24 in.	5 ft.	5	12 in.	1450 lbs.
76	28 in.	6 ft.	6	12 in.	1950 lbs.

Prices on application

"BOSS" GOLF GROUND and ROAD ROLLERS



No.	Diameter	Length	Sections	Face	Weight
80	36 in.	4 ft.	4	12 in.	3000 lbs.
81	36 in.	5 ft.	5	12 in.	3500 lbs.
82	36 in.	6 ft.	6	12 in.	4000 lbs.
83	48 in.	3 3/4 ft.	3	15 in.	4000 lbs.
84	48 in.	5 ft.	4	15 in.	5000 lbs.
85	48 in.	6 1/4 ft.	5	15 in.	6000 lbs.
86	54 in.	3 3/4 ft.	3	15 in.	6000 lbs.
87	54 in.	5 ft.	4	15 in.	8000 lbs.
88	54 in.	6 1/4 ft.	5	15 in.	10,000 lbs.

We want to call attention to the fact that our price on Rollers is lower than that of any other manufacturer. The weights given are not estimated, but are the actual weights of the rollers, every Roller weighing the number of pounds put down in the list. Whiffletraces and Neck Yoke extra.

Prices on application.

CAST IRON LAWN ROLLERS

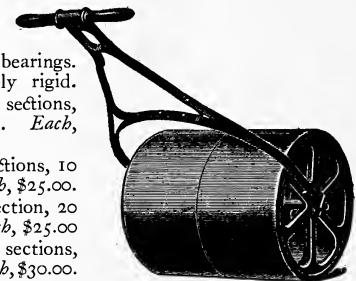
Outer edges beveled.
Steel Axles perfectly
fitted in machined bearings.
Iron handle, absolutely rigid.

No. 1. 15×15 in., 2 sections,
7 1/2 in. face, 150 lbs. Each, \$15.50.

No. 4. 20×20 in., 2 sections, 10
in. face, 250 lbs. Each, \$25.00.

No. 5. 20×20 in., 1 section, 20
in. face, 250 lbs. Each, \$25.00

No. 6. 20×24 in., 3 sections,
8 in. face, 300 lbs. Each, \$30.00.



WATER or SAND BALLAST ROLLERS



The "Water Ballast
Lawn and Garden Roller"
idea is a brand new one.
But a moment's time is required
to obtain any weight from 115
pounds to half a ton, suitable to
condition of ground or strength
of operator. To weight the
machine, turn on end, remove
pipe plug by unscrewing, insert
garden hose or, if necessary, use
pail and funnel, fill the drum to
any desired weight, screw in the
threaded plug and your machine
is ready for business. Furnished
complete with wrought
iron handles and counterweights.

No.	Width of Drum	Weight empty	Weight filled with Water	Weight filled with Sand	Each
1420	14×20	46	148	227	\$21.00
1824	18×24	76	274	425	24.00
2424	24×24	94 1/2	418	665	27.00
2434	24×32	116	575	850	30.00
2472	24×70	372	1405	2193	100.00



RUBBER GARDEN and LAWN HOSE

Garden and Lawn Hose is furnished in 50-foot lengths with couplings attached. Prices include couplings. In less than 50-foot lengths couplings will be additional.

Weights are given for 50 foot lengths.

Ribbed White Cover Braided Hose. Finest Quality

Goodrich Ribbed, $\frac{3}{4}$ -inch (18 lbs.) Per ft., \$0.30
Goodrich Ribbed, $\frac{1}{2}$ -inch (12 lbs.) Per ft., .25

Smooth Red Cover Braided Hose

Rob Roy, $\frac{3}{4}$ -inch (18 lbs.) Per ft., \$0.23
Rob Roy, $\frac{1}{2}$ -inch (12 lbs.) Per ft., .20

Ribbed Black Cover Braided Hose

Maxecon, $\frac{3}{4}$ -inch (18 lbs.) Per ft., \$0.21
Maxecon, $\frac{1}{2}$ -inch (12 lbs.) Per ft., .19

Black Smooth Cover Braided Hose

Greenhouse, $\frac{3}{4}$ -inch, finest quality Per ft., \$0.36

Black Ribbed Cover Braided Hose

Ribcord, $\frac{3}{4}$ -inch (16 lbs.) Per ft., \$0.18
Ribcord, $\frac{5}{8}$ -inch (14 lbs.) Per ft., .17
Ribcord, $\frac{1}{2}$ -inch (10 lbs.) Per ft., .15

SPRAY HOSE

Smooth Black Cover Braided

Jupiter Spray Hose is especially adapted to power sprayers and will stand the pressure required. Price does not include couplings. Long tailed coupling generally used for which there will be an additional charge.

Jupiter, 2 braided, $\frac{3}{8}$ -inch Per ft., \$0.20

RUBBER HOSE WASHERS

Packed in cartons containing 12 washers. Per carton, \$0.10

SIAMESE HOSE CONNECTION

$\frac{1}{2}$ and $\frac{3}{4}$ inch Siamese Connection Each, \$2.00

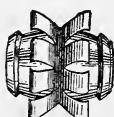
BRASS HOSE COUPLINGS

For $\frac{1}{2}$ or $\frac{3}{4}$ inch hose Per set, \$0.15

LONG TAILED BRASS COUPLINGS FOR SPRAY HOSE

$\frac{3}{8}$ inch, per set, 50¢; $\frac{1}{2}$ inch, per set, 50¢; $\frac{3}{4}$ inch, per set, 80¢

By mail, add for postage 10 cents per set



Perfect Hose Mender



Perfect Hose Coupling

CLINCHING HOSE MENDER and COUPLING

Perfect Clinching Couplings, $\frac{3}{4}$, $\frac{5}{8}$ or $\frac{1}{2}$ inch Per set, \$0.25

Perfect Clinching Hose Memders, $\frac{3}{4}$, $\frac{5}{8}$ or $\frac{1}{2}$ inch Each, .15

ALLEN HOSE CLAMPS — GALVANIZED

For use in attaching couplings, Menders, etc.

Sizes: $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$ and $\frac{3}{8}$ in. Each, \$0.05

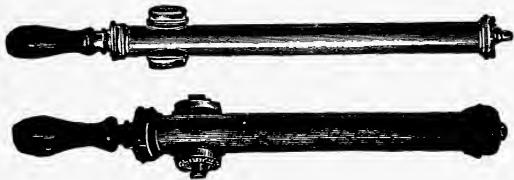


COOPER HOSE MENDER

$\frac{1}{2}$ inch or $\frac{3}{4}$ inch Each, \$0.10

TAPE, ELECTRIC

Exceedingly useful for mending rubber hose. It is a strong adhesive ribbon, $\frac{3}{4}$ of an inch wide; can be wound tightly around a leaking part. Per coil, 25 and 50¢.

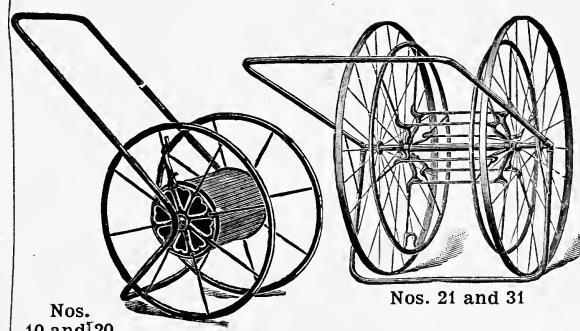


ENGLISH SYRINGES — ALL BRASS

No. 110.	18 \times $1\frac{1}{2}$ in., fine and coarse rose, 1 jet.	Each, \$13.00
No. 103.	16 \times $1\frac{1}{2}$ in., one rose, 1 jet.	Each, 8.50
No. 102.	16 \times $1\frac{1}{4}$ in., one rose, 1 jet.	Each, 6.75
No. 101.	12 \times 1 in., one rose, 1 jet.	Each, 4.75

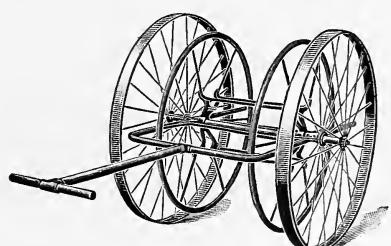
ALL-METAL HOSE REELS AND CARTS

Known the world over and universally acknowledged to be the best. All castings used in the construction of our Reels are malleable iron. Rims and frames are tubular steel; spokes, tires, and braces steel, all of the very best quality. Workmanship and finish first-class. Capacity of all the different reels has been thoroughly tested.

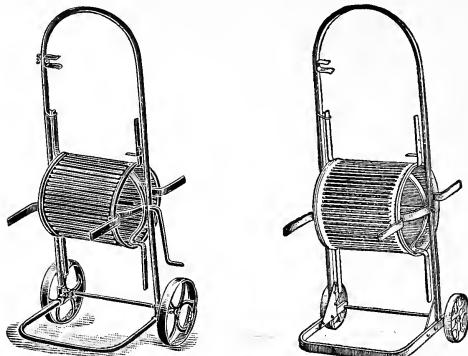


Nos. 10 and 20

Nos. 21 and 31



Nos. 90 and 100



W. & K. No. 2

Victor

Capacity given for $\frac{3}{4}$ inch hose.

No.		Each
10.	Height of wheel 21 in., capacity 100 ft.	\$5.00
20.	Height of wheel 24 in., capacity 150 ft.	5.60
21.	Height of wheel 28 in., capacity 200 ft.	12.00
30.	Height of wheel 29 in., capacity 400 ft.	10.50
31.	Height of wheel 34 in., capacity 500 ft.	16.75
90.	Height of wheel 34 in., capacity 500 ft.	19.00
100.	Height of wheel 36 in., capacity 600 ft.	27.00
Victor Capacity 100 ft.		2.75
W. & K. No. 2. Capacity 100 ft.		4.00
Simplex. Capacity 50 ft.		1.75

BRECK'S COMBINATION SPRINKLER

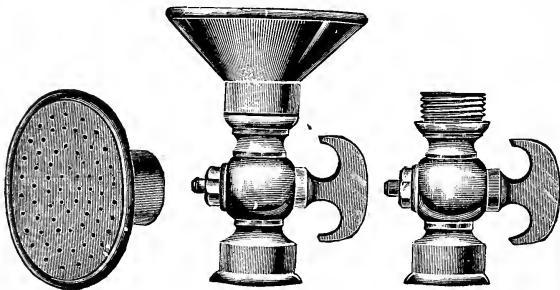


Fig. 1

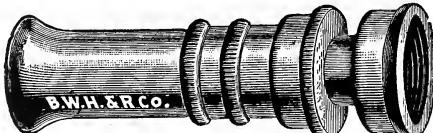
Fig. 2

Fig. 3.

This sprinkler is made of solid brass, and is superior to any other. The sprinkler is three inches in diameter, with holes of the right size to throw a copious and gentle stream on the plants or lawn. The washing up of the soil, is avoided by using "Breck's." The face being flat and the holes bored straight, the spray is thrown without spreading, making it most valuable for hot-house work.

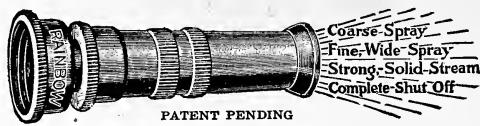
Breck Sprinkler, complete 3 inch head, Fig. 2.....	Each, \$2.25
Breck Sprinkler, head only, 3 inch, Fig. 1.....	Each, 1.25
Breck Sprinkler, head only, 4 inch, Fig. 1.....	Each, 1.50
Breck Sprinkler, stop cock only, Fig. 3.....	Each, 1.00

NEW BOSTON SPRAY NOZZLE

Boston Spray Nozzle, $\frac{3}{4}$ inch,.....

By mail add 10 cents for postage.

RAINBOW SPRAY NOZZLE

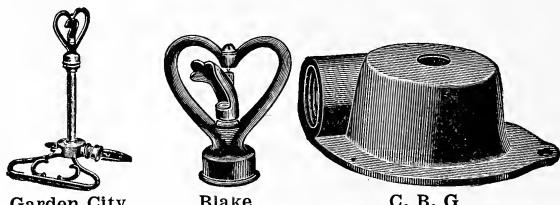
Rainbow Spray Nozzle, $\frac{3}{4}$ inch.....

Each, \$0.75

VILAGE BLACKSMITH SPRAY NOZZLE

Similar to Boston or Rainbow but with new features. Each, \$0.80

LAWN SPRINKLERS

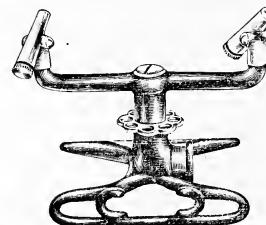


Garden City

Blake

C. B. G.

Garden City No. 2.	Blake Head, 26 inches high.....	Each, \$1.50
Blake Head No. 1.	$\frac{3}{4}$ inch hose pipe thread.....	Each, .35
Blake Head No. 2.	$\frac{3}{4}$ inch iron pipe thread.....	Each, .35
C. B. G.	Popular low cost, $1\frac{1}{2}$ inches high.....	Each, .35

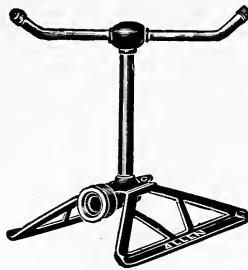


Rain King

The Rain King is a real innovation in the sprinkler line, and radically different from any other sprinkler ever made. A most wonderful variety of uses. Circular or stationary spray—fine or coarse—fast or slow—large lawn—small lawn—trees—shrubs—flower beds—takes care of them all. Small—compact—easily handled. Simple adjustments—made easily. For Putting Greens it is excellent. Each, \$3.50.



The Ross Sprinkler throws the water in a fan-shaped spray, descending like rain, without force, and does not wash the soil into furrows, consequently is desirable for Sprinkling New Lawns, Flower Beds, and for Greenhouse work. Each, \$1.00.

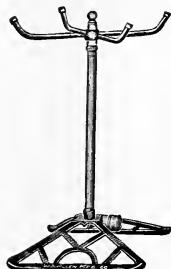


20th Century



Czarina

20th Century	2 arm, 8½ inches high,	Each, \$1.50
Czarina	3 arm, 11 inches high	Each, \$1.75



Yankee

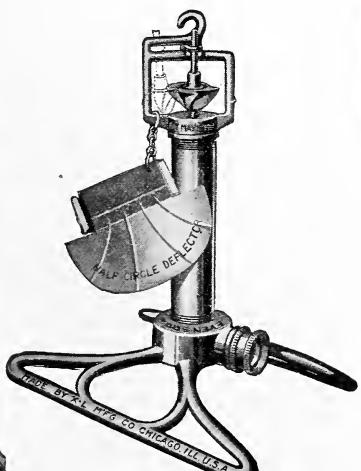


Export

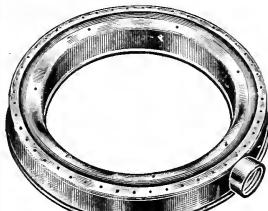
Yankee	4 arm, 20½ inches high,	Each, \$3.00
Export	4 arm, 48 inches high	Each, \$9.00



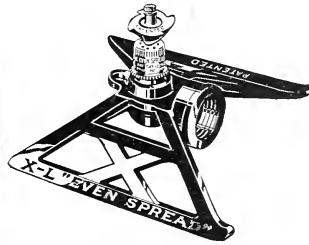
Hose Holder



Even Spread No. 5



Allen Ring



Even Spread No. 1

Allen Ring. All brass, 8 in. diam., 1½ in. high. Each, \$1.00

Even Spread. No. 1. On base. Each, \$1.00

Even Spread. No. 5. On base, with ½ circle deflector. Each, 2.50

Hose Holder. Adjustable, 16½ in. high. Each, 1.50

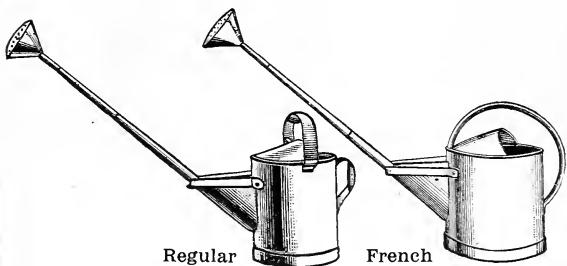
WATER POTS



Galvanized Iron, Detachable Rose

	4 qt.	6 qt.	8 qt.	10 qt.	12 qt.	16 qt.
Galvanized, each	\$.90	\$1.00	\$1.10	\$1.25	\$1.50	\$1.75
Parlor tin, painted, long spout, 2 qts.						
Each, 1.25						

WOTHERSPOON'S GALVANIZED WATER POTS



Regular

French

Regular Pattern, Long Spout

	4 qt.	6 qt.	8 qt.	10 qt.	12 qt.	16 qt.
Galvanized, each	\$4.50	\$5.00	\$5.50	\$6.00	\$6.50	\$7.00

French Pattern

	6 qt.	8 qt.	10 qt.	12 qt.
Galvanized, each	\$5.75	\$6.25	\$6.75	\$7.50

English Pattern

Galvanized
No. 2, 4 qt., each, \$5.00; No. 3, 6 qt., each, \$6.00; No. 4, 8 qt.,
each, \$7.00.

RUBBER SPRINKLER

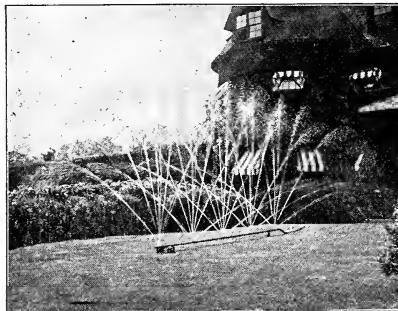
An indispensable article for showering plants, sprinkling bouquets, dampening clothes, etc. Three sizes: 85¢, \$1.00 and \$1.25 each.



SKINNER SYSTEM

Lawn, Garden, and Golf-Green Sprinklers

No Moving Parts — Lasts a Life Time



Peacock Sectional Lawn and Golf Green Sprinkler
Each section covers 15×50 ft. Several may be connected together.

Price per section, \$15.75.

Peacock, Jr. waters 10×50 ft. Each, \$9.00



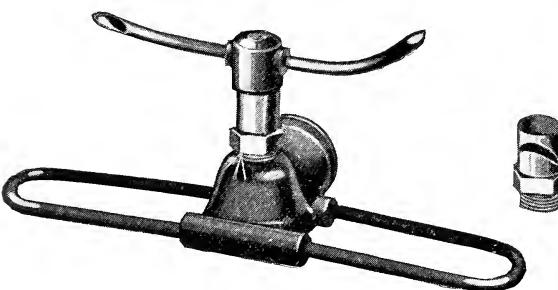
Border Mist Sprinkler

Throws a fine mist in one direction. May be turned from one side to other. Especially valuable for borders; along walks; near buildings, etc.

Price per 15 ft. section, \$12.50.

Border Mist, Jr., similar to above,

Price per 9 ft. section, \$8.75



Misto Sprinkler

An efficient whirling sprinkler having also an extra half-circle nozzle throwing a very fine spray. Simply constructed. Will not get out of order.

Price, \$1.50



Lawn Mist Sectional Sprinkler

Throws mist-like spray. Wonderful for flowers and tender plants. Several sections may be connected together.

Price per 15 ft. section, \$12.50.

Lawn Mist, Jr., similar to above,

Price per 9½ ft. section, \$8.75



Skinner System Garden Sprinkling Line

Made to fit any garden. Costs approximately 1¢ per square foot of garden to be watered.

Rain Maker, an 18 ft. sprinkling Line for small gardens.

Price, \$9.75.



Saucer Spray Sprinkler

Introduced last year and became extremely popular. Will do everything ordinary ring sprinkler does. Will not clog; is easily cleaned and has extra cap for watering, half circle. The Biggest Little Sprinkler you ever saw.

Price, 75 cents.

Send for special literature on automatic portable equipment for watering large areas such as golf greens, polo fields, large lawns, etc.

BRECK'S IRRIGATOR

50 Feet of 100 Percent Service



You can lay it out straight and irrigate a vast area of lawn;
 You can water an entire golf green by using one or more lengths;
 You can lay it down between the rows of the Vegetable Garden;
 You can wrap it around Shrubbery and soak an area as it was never soaked before;
 You can stretch it down a path in your Flower Garden and without wetting the path sprinkle fifty feet of bed at onetime;
 You can be watering a row of plants just set out while you are setting out the next row;
 You can get a spray with even a moderate pressure;
And when you get all through watering you can roll up the Irrigator just like a piece of hose and put it away.

*Complete Directions sent with every
 Breck's Irrigator*

WE DON'T CLAIM it will do everything in the way of sprinkling, watering and irrigating. We don't know if it will irrigate rice fields in China or coffee plantations in Brazil

BUT WE DO CLAIM that there isn't anything it won't do in the way of

Sprinkling, Watering and Irrigating

LAWNS

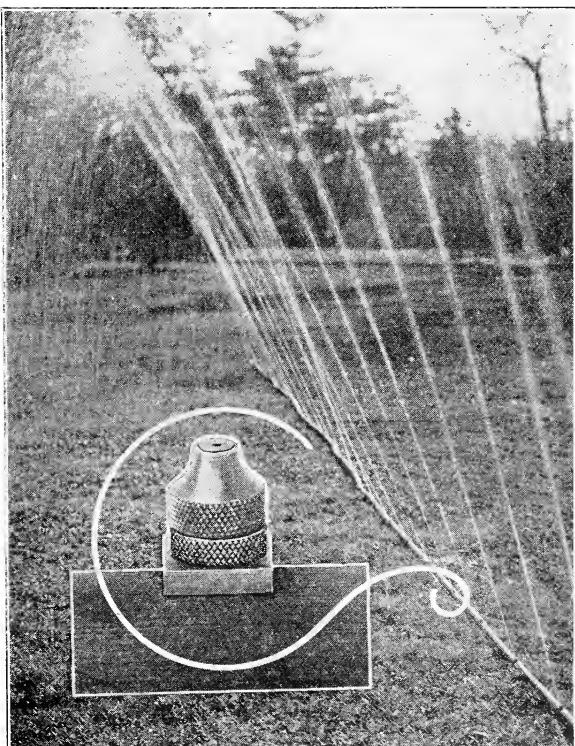
SHRUBBERY BORDERS

VEGETABLE GARDENS

FLOWER GARDENS

GOLF GREENS

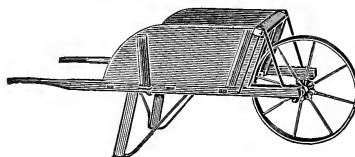
MARKET GARDENS



Price per standard 50 foot length, \$25.00. Parcel Post extra.

Twenty-five foot lengths on special order \$15.00

WHEELBARROWS

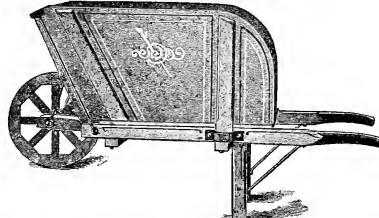


Breck's Eureka Garden and Farm Barrows

8 Spokes, Iron Hub, Wood Wheels, Steel Axles
A strong roomy barrow for farmers, truck gardeners or lawns; frame of seasoned hard wood, iron hub wheel, steel axle. Built in following sizes:

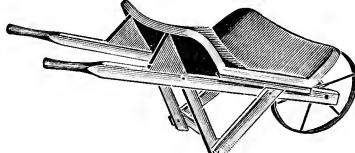
No. 4. Garden Barrow 8 Spoke; Wood Wheel. *Each, \$8.50*
No. 5. Farm Barrow 8 Spoke, Wood Wheel. *Each, 10.00*

LAWN or STABLE BARROWS



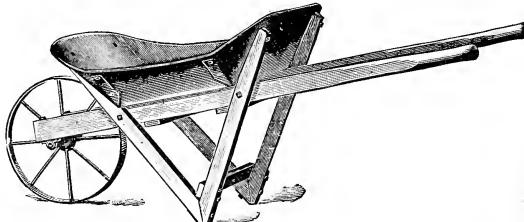
Extra size for leaves, manure, etc. Box, 32 in. \times 25 in. \times 18 in. *Each, \$20.00*

SPECIAL CONTRACTORS' CANAL BARROWS



Bolted Wood Tray, Steel Wheel. *Each, \$6.50*

STEEL TRAY CANAL BARROWS



Klondyke Steel Tray, Steel Wheel. *Each, \$7.00*

STEEL CEMENT BARROWS



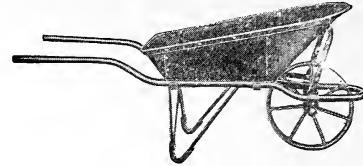
No. F 2. Steel Tray, Steel Wheel, 4 cu. ft. *Each, \$10.00*

WHEELBARROW LEAF RACK

Fits all sizes of garden barrows. Capacity about two barrels leaves or other light material.

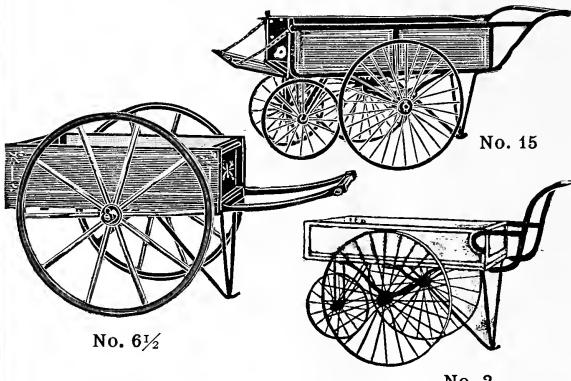
Wire sides and ends, wood bottom. *Each, \$12.00*

STEEL, COAL and DIRT BARROWS



No. Ao2.	All steel, capacity 3 cu. ft.	....	<i>Each, \$8.50</i>
No. Ao15.	All steel, capacity 4 cu. ft.	....	<i>Each, 11.25</i>
No. A100.	All steel, capacity 5 cu. ft.	....	<i>Each, 14.50</i>

PIONEER PUSH CARTS

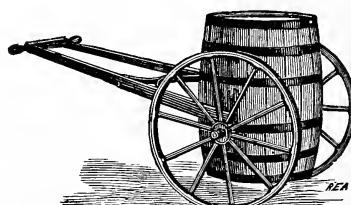


The "Pioneer" Push Carts have been manufactured for many years, and the line has been increased to such a point that we can supply the demand for any kind of cart. For printers, plumbers, small stores, painters and paper hangers, gardeners, grocers, street cleaners, etc., and for any one who has small parcels to transfer from point to point, one of these carts is convenient and economic.

No. 1. Body, 37 \times 20 \times 8. Steel Wheels, 26 in. diameter.	<i>Each</i>
Axle, $\frac{3}{4}$ in.	\$15.00
No. 2. Body, 37 \times 20 \times 8. Steel Wheels, 26 in. diameter.	
Axle, $\frac{3}{4}$ in. Front Wheel, 14 in.	16.50
No. 3. Body, 40 \times 24 \times 10. Steel Wheels, 30 in. diameter.	
Axle, $\frac{1}{2}$ in.	20.50
No. 6 $\frac{1}{2}$. Body, 40 \times 24 \times 10. Wood Wheels, 30 in. diameter.	
Axle, $\frac{1}{2}$ in.	24.25
No. 7. Body, 42 \times 27 \times 10. Steel Wheels, 30 in. diameter.	
Axle, $\frac{7}{8}$ in. Front Wheel, 18 in.	27.00
No. 15. Body, 51 \times 25 $\frac{1}{2}$ \times 12. Steel Wheels, 30 in. diameter.	
Axle, $\frac{1}{2}$ in. Two Front Wheels, 18 in.	30.00

Descriptive catalogue mailed on application

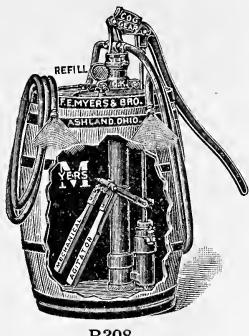
WATER BARREL CARTS



Cart complete with Trunions.

Wood wheels, 4 inch Tires.	....	<i>Each, \$25.00</i>
Leaf Racks fitted for above.	....	<i>Each, 18.00</i>
Barrels fitted for above.	....	<i>Each, 12.00</i>
Boxes fitted for above.	....	<i>Each, 8.00</i>

SPRAY PUMPS



R308



R324



R327 1/2

No. R308. Myers' O. K. Spray Pump with mechanical agitator, suction pipe and strainer. Hose and nozzles additional. *Each, \$24.00.*

No. R324. Myers' Lever Bucket Spray Pump, with agitator, hose and graduating nozzle. (10 lbs.). *Each, \$7.75.*

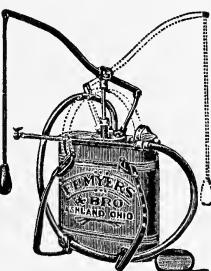
No. R327 1/2. Myers' Little Giant Brass Spray Pump with agitator. Complete with hose and graduating Vermorel nozzle and malleable foot rest. (8 lbs.). *Each, \$5.00.*

MYERS' POTATO SPRAYING ATTACHMENT

Fig. 1582. Three Row Sprayer. Recommended for use with R308 Pump for spraying 3 rows at same time. *Each, \$24.00.*



R329



R331

No. R329. Myers' General Purpose Sprayer, complete as illustrated. *Each, \$15.00.*

No. R331. Myers' Copper Knapsack Sprayer. Complete as illustrated. *Each, \$24.00.*

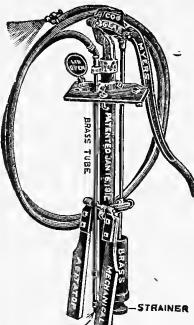
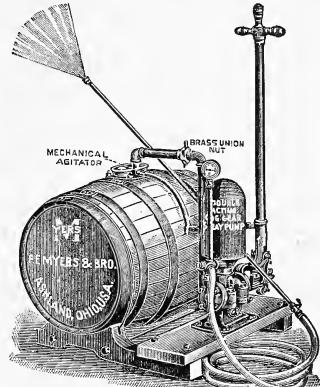
MEYERS' PNEUMATIC COMPRESSED AIR SPRAYER



No. 296. Myers' Pneumatic Sprayer complete with Long Distance Nozzle. *Each, \$7.25.*

Pipe Extension with Cyclone Nozzle. *Each, \$1.20*

SPRAY PUMPS

Myer's Barrel Spray
Outfit No. 318B

Complete Spray Outfit No. 316B

Myers' Barrel Spray Outfit consists of an all steel Barrel Cart, attached to barrel—with the Myers No. 318B Coggear Spray Pump with one lead, 15 ft. $\frac{1}{2}$ -in. hose, nozzle, mechanical agitator, complete.

No. 318B Pump, as described. *Each, \$18.00.*
Steel Cart only. *Each, 18.00.*

Barrel. *Each, 11.00.*
Price of Outfit ready for use. *Each, 47.00.*

Myers' Complete Spray Outfit, No. 316B. Pump complete: 50-gal. barrel on skids, pressure gauge, one 15-ft. lead $\frac{1}{4}$ -in. hose, one nozzle, one 8-ft. pipe extension, lever shut-off and mechanical agitator double-acting pump. Well adapted to spraying potatoes. *Each, \$60.00.*

Myers'
Portable
Sprayer

No. R337B Garden Sprayer Tank holds $12\frac{1}{2}$ gallons. Powerful pump, 15 ft. $\frac{1}{2}$ -inch hose, nozzle, two 4-ft. pipe extensions, complete. *Each, \$30.00.*

MYERS' HANDY FIRE PUMP

The Myers' Handy Fire Pump as made to meet the Navy requirements in capacity, handiness of operation, etc. It is designed for use in extinguishing fires (Forest Rangers recommend it highly), washing automobiles, windows and other purposes. Is furnished with solid stream nozzle only.

No. 395. Myers' Handy Fire Pump complete, 5 gallon tank, hose and fire nozzle. *Each, \$10.50*

THE MYERS' POWER SPRAY GUN

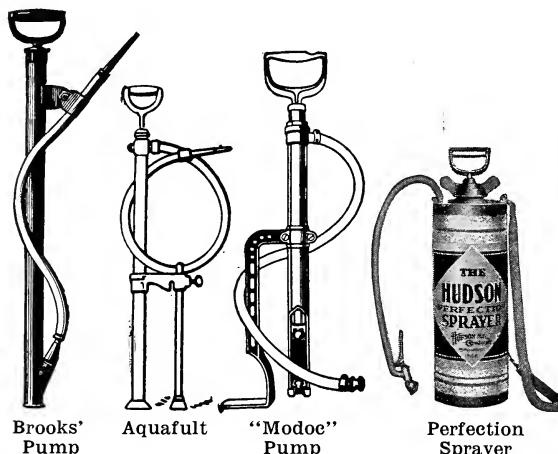
Length Over All, 26 Inches



Utilizes the entire capacity of any power Spray Pump and does away with all bamboo extensions, nozzles and fittings. All working parts on the outside. Not subject to corrosion.

Fig. 1824. Myers' Power Spray Gun. *Each, \$7.00*

HAND FORCE and SPRAY PUMPS



Brook's Brass Hand Pump. A low priced all Brass Pump for the poultry man and for whitewashing. (8 lbs.) *Each, \$2.75*

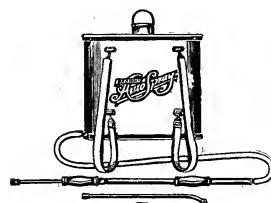
Aquafult Hand Pump No. 112A *Each, \$7.50*

"Modoc" Hand Pump will throw a straight stream or a fine spray with the same nozzle. (8 lbs.). *Each, \$6.00*.

Perfection Galvanized Compressed Air Sprayer is the best compressed air sprayer made. This sprayer will handle whitewash, water paints, Bordeaux mixtures, etc., perfectly, and is tested with 50 pounds pressure before leaving the factory. Capacity 40 gals. (12 lbs.). *Each, \$7.00*.

Perfection Jr. Galvanized Compressed Air Sprayer
Capacity 2½ gals. (9 lbs.) *Each, \$5.75*

Perfection Brass Compressed Air Sprayer. Capacity 4 gals. (2 lbs.) *Each, \$10.00*



Brown Auto Spray No. 5

A double action continuous stream pump, making it an ideal, all purpose, hand sprayer.

Each

Auto Spray No. 5 Pump. \$5.50
Extensions..... .50
Galvanized Knapsack.. 3.00



Brown's Auto Sprayer

Solid Brass, Nickel Plated..... *Each, \$7.50*

Brown's Auto Sprayer

Brown's Auto Sprayer is recommended for trees, and vines shrubs, greenhouses, poultry houses, hospitals, and stables for disinfectants, for sheep and cattle dip, and cattle fly oils.

Each

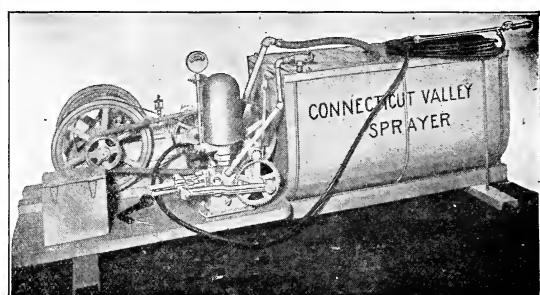
No. 1B. Brass Tank (12 lbs.)	\$10.00
No. 1D. Galvanized Tank (12 lbs.)	7.00
No. 9B. Brass Tank, Screw Top (12 lbs.)	9.50
No. 9D. Galvanized Tank, Screw Top (12 lbs.)	6.50
Brass Extension Pipes (2 lbs.)	.50
Brass Strainer (1 lb.)	1.20

Brown's Non-Clog Jr. Nozzle

Straight or 45° angle (1 lb.) \$0.75
Auto Spray Nozzles only..... 1.50
Auto Spray Nozzles with Hose..... 2.00
Soft parts for auto sprayers..... *Per set, .25*

Brown's Auto Sprayer, Continuous Atomizer
Handles all solutions, insecticides, and disinfectants; capacity, 1 quart.
No. 26A. Tin, continuous sprayer..... *Each, \$1.00*
No. 26C. Brass, continuous sprayer..... *Each, 1.50*

CONNECTICUT VALLEY POWER SPRAYER



Engine, 1¾ H. P., Type A. Tank, 100 gallon. Pump, 2"×4" Double Acting. Drive, back geared from drive shaft and belt from engine. Hose, 25 ft. ½" high pressure discharge suction hose and strainer. Nozzle, Myers' Power Spray Gun.

For mounting on truck; send for circulars and price.

SPRAY NOZZLES

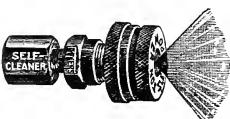


Fig. 1317

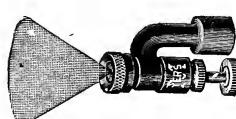


Fig. 1564

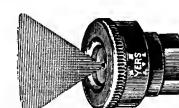


Fig. 1290

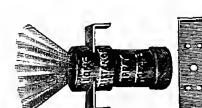


Fig. 1291

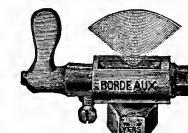
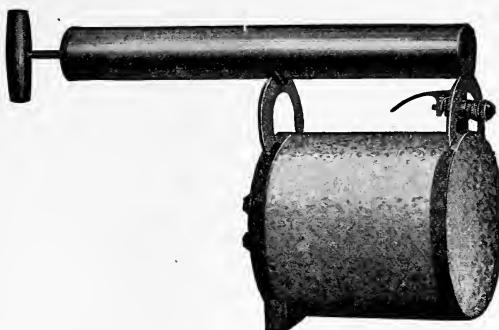


Fig. 2097

		<i>Each</i>
1317.	Power Nozzle.....	\$1.20
1564.	Graduating Vermorel Nozzle.....	.90
1291.	Long Distance Nozzle.....	1.20
1290.	Hand and Power Nozzle.....	.70
2097.	Bordeaux Nozzle.....	1.10
1470.	Myers' Way Nozzle.....	1.20

		<i>Each</i>
480.	4-ft. Pipe Extensions with Coupling.....	.50
480.	8-ft. Pipe Extensions with Coupling.....	.80
480.	8-ft. Pipe Extensions with Stop Cock.....	1.50
480.	8-ft. Pipe Extensions with Lever.....	1.65
772.	Hose Reducer.....	.35
1380.	45-Degree Bend, ¼ in. Pipe.....	.30
	Creosote Brushes.....	1.40



LOWELL BUSINESS COMPRESSED AIR SPRAYER

No. 123. A medium priced Compressed Air Sprayer for Shrubs, Vines and Poultry Houses. Galvanized steel solution tank. Heavy tin pump tube. Automatic brass shut-off valve. Double brass nozzle, spray or stream. Special type plunger rod and leather. Pump tube 16 inches long, $1\frac{3}{4}$ inches in diameter. Capacity, full gallon. Each, \$4.00.



BRECK'S IDEAL SPRAYER

For spraying cattle, horses, disinfectants. Very handy for house, stable, etc.

Ideal, tin, 1 qt. (2 lbs.)	Each, \$0.50
Ideal, brass, 1 qt. (2 lbs.)	Each, 1.00
Midget, 1 pt. (2 lbs.)	Each, .40
Baby Midget, $\frac{1}{2}$ pt. (1 lb.)	Each, .35
Foy Sprayer No. 319, galvanized	Each, .60

ACME POTATO GUN



This gun is one of the most practical and efficient methods of applying the principles of dry spraying by hand at a reasonable price. Acme Single Bellows, Each, \$2.00.

LOWELL POWDER DUSTER



Easy to operate. Fill reservoir with dry powder, such as Paris Green, Hellebore, powdered Arsenate of Lead, etc. Size of spray regulated by operation of a plunger. Elbow reversible enabling operator to spray up or down. Pump cylinder $1\frac{3}{4}$ inches diameter, $1\frac{1}{4}$ inches long. Length over all $21\frac{1}{2}$ inches. Reservoir one pint Mason Fruit Jar.

No. 131. Complete with jar Each, \$0.90

CORONA POWDER GUN

For dusting powders Each, \$1.00

WOODASON POWDER BELLOWS

Heavy, well made single cone bellows Each, \$2.50

THE ACRE-AN-HOUR SIFTER

Ideal for applying Bug Death Dry. Easy to operate and gives a quick covering to all plants and vines requiring a top application. Each, \$1.00

DICKEY'S BUG DEATH SHAKER

The best thing of its kind yet offered. Every person who has a garden will want one. Each, \$0.50



THE VERMOREL SPRAYER and DUSTER

Made in France

Vermorel "Eclair" No. 1 Sprayer

Simple and compact in construction. Reliable and efficient to the highest degree. A small sprayer that will do a big job and do it right with little effort. No plunger — no complicated mechanism. Each, \$25.00



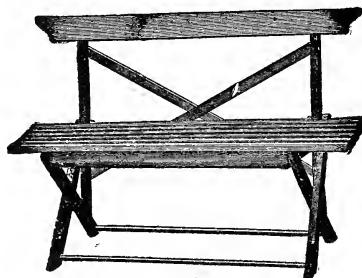
Vermorel "Orange" Duster

Size $12'' \times 16''$. Hose and tube length four and one-half feet. Weight, eleven pounds (shipping weight 17 lbs.). Capacity, six quarts, dry measure (9 lbs. flowers of sulphur).

For dusting sulphur, or sulphur and arsenate mixtures, arsenate of lead or calcium, arsenate of zinc, Paris Green, Bordeaux or Bordeaux-Lead powders, lime, etc.

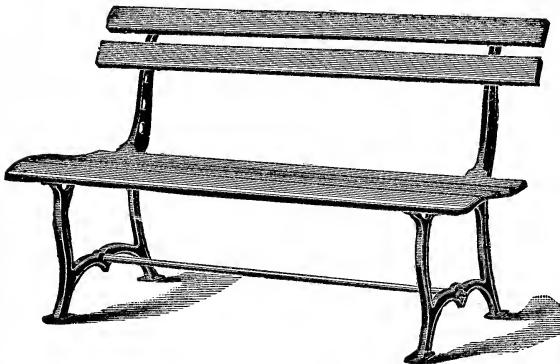
Simple in construction. Easy in operation. Efficient in its work. The "Orange" being of the bellows type has no wheels, cogs, belts or other complicated mechanism that would be likely to wear and give trouble. Each, \$20.00

FOLDING LAWN SETTEE



Our Folding Lawn Settees are nicely made from selected hardwood, and are of the proper shape for comfort. Can be folded into a small compass and packed away for the Winter. Painted vermilion. *Each* \$3.00

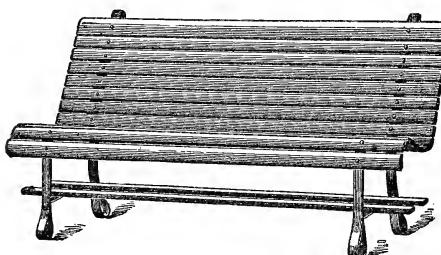
LINCOLN PARK SETTEES



The Extra Heavy Lawn Settee shown above is intended for parks and public grounds where an extra strong settee is required. It has a heavy iron frame, the ends being bolted together with iron rod. Seat and back are made from best quality stock.

Each, \$9.00

BOSTON PARK SETTEE



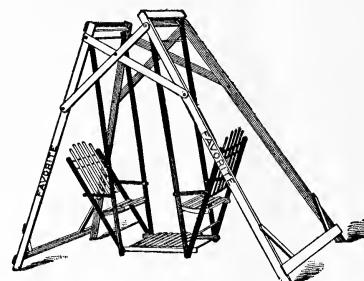
This style of settee is being adopted by all large cities, being especially adapted to use in parks and public grounds. The standards are made of steel and each slat is bolted on; it is the most durable settee offered. Made in several lengths. Give size and quantity wanted. Five feet long, *Each*, \$15.00

"KEEP OFF THE GRASS" SIGNS



Cast iron, painted green, bronzed letters. *Each*, \$1.50

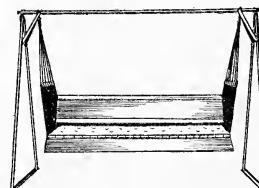
AUTOMATIC LAWN SWINGS



*Made in the home of the deer and the moose,
Of the silver birch and the mountain spruce.*

These swings are perfectly automatic and furnish a delightful and healthful exercise for persons of all ages, as the smallest child can operate them with absolute ease and safety. As a promoter of health, strength, and vitality, this swing has no equal, as with it either gentle or vigorous exercise may be taken at will. Automatic Swings made for 2 or 4 passengers. *Prices on application.*

BRECK'S COUCH HAMMOCK



The Couch Hammock is undoubtedly the most comfortable and durable hammock made. All the undesirable features of the ordinary hammock eliminated. Frame, steel tubing and angle steel. Bottom, diamond fabric. Mattress, 4-inch box, soft top and bottom covered with duck, tufted. Hammock, 12-oz. khaki duck. Magazine pocket in end. Luxury adjustable back. Ropes and hooks for hanging. *Descriptive circular and prices on application.*

WROUGHT HAMMOCK HOOKS

Galvanized with plate or screw. Very strong.

No. 27. To screw *Each*, \$0.10
No. 37. With plate *Each*, .15



make it stiff and rigid, and enable you to stretch it to the posts straight, even and nice, without buckling, bagging or sagging.

Then, too, you cannot only put up your fences straight and true, but the stiffness of U. S. Poultry Fence allows you to entirely do away with the necessity of a top rail or baseboard. Also fewer posts are required than when putting up the old style netting.

U. S. Poultry Fence is not merely a substitute for the old style netting. It is something much better. It is the strongest, cheapest, most sightly and by far the best fence for the purpose yet invented.

Do not purchase poultry netting until you have seen U. S. Poultry Fence. It will be a surprise and a revelation to you, just like it has been to *thousands of other netting users*.

If you are interested in a good article you should use U. S. Poultry Fence, for it is the acme of all poultry fences and is guaranteed to be stronger, to be better and to give better satisfaction under all conditions than the old style netting.

Competition can sometimes be temporarily overcome by misrepresentation of goods of inferior quality, but it can be only permanently overcome by selling goods of superior quality. U. S. Poultry Fence has proven itself sufficiently superior in every respect to be in a class by itself. It is the ONE BEST netting and is guaranteed to satisfy.

While the type of construction of U. S. Netting is different from other nettings, it being more scientific in principle, it is flexible to meet any and all netting requirements.

U. S. Poultry Fence

As you unroll U. S. Poultry Fence you will be surprised how very flat and even it lies---just like a roll of carpet or building paper.

Then, when you set it up on edge, you will again be surprised at the straight, stiff and trim manner in which it stands.

As you see through the magnifying glass, on the following page, U. S. Poultry Fence is built much like a farm fence, with parallel wires on hinge joints. These splendid features

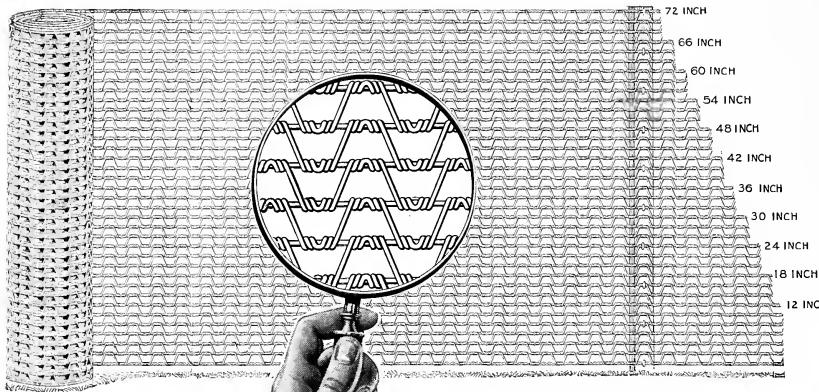


**TEST THE "OLD
STYLE NETTING"
THIS WAY**



U. S. POULTRY FENCE

Something Entirely Different
in the Way of a Poultry Fence



Service Worth
Many Times
More.

Price Practically No More
Than the Common
Poultry Fence

U. S. Poultry Fence is different in the line of poultry fence or netting. Half of the wires are straight line wires, which are intertwisted with the mesh wires at their point of intersection with right and left twists. The cable margin wires are also connected with the mesh wires with right and left twists. In the process of weaving all wires are under tension, producing a fabric with all line wires the same length, and all the meshes or openings of the same size.

In stretching, the tension is on the line wires only, thus preventing any narrowing of the fabric between the posts, even though placed twenty or thirty feet apart.

The intertwisting of the line and mesh wires makes the fence, when erected, very stiff and rigid. It does not have that loose, baggy appearance so common in the old style poultry netting.

Strictly a No-Sag Poultry Fence

The combination of line and mesh wires, closely woven, prevents any lengthening or narrowing between posts. In erecting U. S. Poultry Fence the line wires permit of being stretched to a high tension, which compel the fence to remain rigid and upright without anchoring it to a baseboard or top rail. These features place it a long stride beyond the Hex mesh netting, which never fails to narrow and lengthen if you attempt to stretch it to a tension required to prevent sagging. There is no netting on the market that compares with U. S. Poultry Fence for strength, beauty and durability, and we invite comparison with other makes, feeling confident all our claims of superiority will be substantiated.

TWO-INCH MESH---No. 19 WIRE.

Width, inches	12	18	24	30	36	48	60	72
Square feet in roll	150	225	300	375	450	600	750	900
Approximate weight per roll galvanized before weaving	12½	17½	23	28	33½	43	53	63
List Price, per roll	\$2.48	\$3.56	\$4.54	\$5.42	\$6.19	\$8.25	\$10.32	\$12.38

150 LINEAL FEET IN A ROLL.

ONE-INCH MESH---No. 19 WIRE.

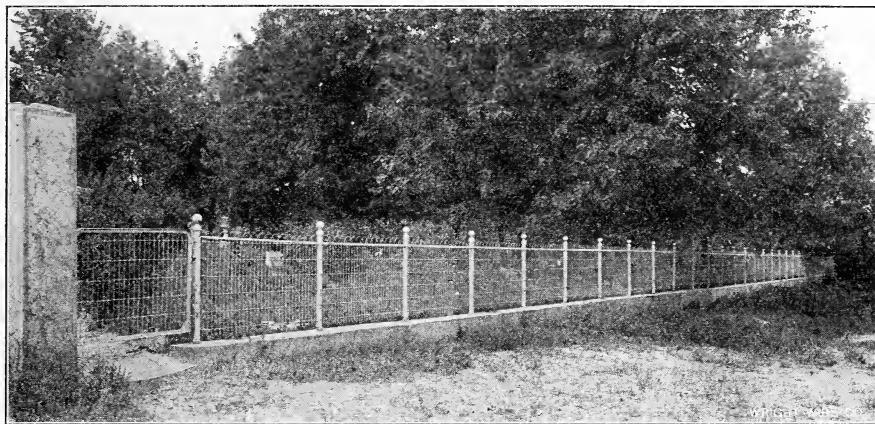
Width, inches	12	18	24	30	36	48
Square feet in roll	150	225	300	375	450	600
Approximate weight per roll galvanized before weaving	20	29½	37½	45	53	71
List Price, per roll	\$4.95	\$7.12	\$9.08	\$10.83	\$12.38	\$16.50

150 LINEAL FEET IN A ROLL.

TWO-INCH MESH---No. 20 WIRE.

Width, inches	12	18	24	30	36	48	60	72
Square feet in roll	150	225	300	375	450	600	750	900
Approximate weight per roll galvanized before weaving	11	15	19	22	26	34	41	49
Price, per roll	\$2.14	\$3.08	\$3.92	\$4.68	\$5.35	\$7.13	\$8.91	\$10.69

150 LINEAL FEET IN A ROLL.

BRECK'S**ORNAMENTAL FENCE DEPARTMENT****ESTIMATES**

GIVEN ON

*Complete Fence Erected***SAMPLE FENCE POSTS AND GATES***on exhibition at retail store*

51 AND 52 NORTH MARKET STREET . BOSTON

Excelsior Rust-proof Fences have proved their worth through many years' use.

They are made of large, smooth wires, unweakened by bends, wraps, or twists. Every joint has our patent steel clamp to hold the wires in a vise-like grip.

Excelsior Rust-proof Fences are the only fences galvanized after making, hence they are the only fences that can be rust-proof. They are conceded to be the most durable wire fences now on the market.

The following are approximate prices for Erected Rust-proof Fence but do not include Gates, etc. Our engineer will visit your place free of charge and the exact cost of the finished job will be submitted, on his report, for your final decision.

Approximate Prices

Estimated on 100 feet or more of Fence

36 inches high	\$1.15 per linear foot
42 inches high	1.25 per linear foot
48 inches high	1.30 per linear foot
54 inches high	1.35 per linear foot
60 inches high	1.45 per linear foot
72 inches high	1.60 per linear foot

"AMERICAN" GALVANIZED STEEL POSTS

The American Posts are suitable for all kinds of wire fencing, including Woven Wire Fence, Barb Wire, and Plain Wire. Line Posts are driven requiring no digging post holes, they open automatically, providing self-anchorage.

Send for catalogue of the American Fence and Posts, containing directions for erecting and complete list of other styles of Fence and Fence Material. Mailed free.

Galvanized Line Posts

Length	5 ft.	6 ft.	6½ ft.	7 ft.	7½ ft.	8 ft.	9 ft.	10 ft.	11 ft.
Each	\$.74	.80	.83	.91	.97	1.08	1.28	1.49	1.67

The 6½, 7, and 7½ ft. sizes are carried in stock in Boston.

Driving Caps for Line Posts	.....	Each, \$0.75
Ball Top, small, for Line Posts	.....	Each, .40
Ball Top, Large for End and Corner Posts	.....	Each, .75

Prices for Corner and End Posts and for Gates on application.

GALVANIZED BARB WIRE

"Regular" or Cattle Wire is made from No. 14 Galvanized Wire with four point barbs six inches apart. We can furnish "Regular" Barb Wire on measured spools each containing 80 rods (1320 feet). Approximate weight, 85 lbs. per spool.

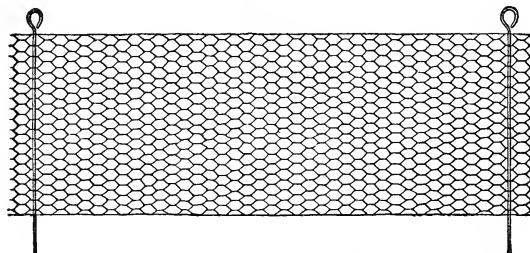
Regular 4 Point Wire, 80 rod Spools, 1320 ft. *Per Spool, \$6.50*
(One pound of Barb Wire measures about 15 feet.)

GALVANIZED PLAIN TWISTED WIRE FENCING

Plain Twisted Wire, 80 rod Spools, 1320 ft., approximate weight 72 lbs., per spool. *Per spool, \$6.00*
(One pound of Plain Twisted Wire measures about 16 feet.)

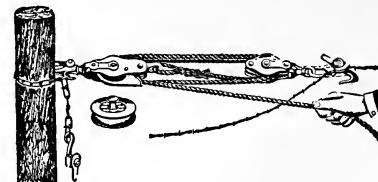
STAPLES

For attaching Barb Wire, Twisted Wire or Wire Fencing. *Per lb., \$0.10*

FENSETZ**Fensezt: The Portable Fence of a Hundred Uses**

Fence is 18 inches in height. Steel posts sink into ground a depth of 4 inches. Netting has a 1-inch mesh. Posts attached to the fence by spiral clips. Cannot tear loose because the fence and posts are galvanized after being assembled. Will resist rust for years.

50 ft. Bales, including stakes. *Each, \$5.00*
150 ft. Bales, including stakes. *Each, 12.50*

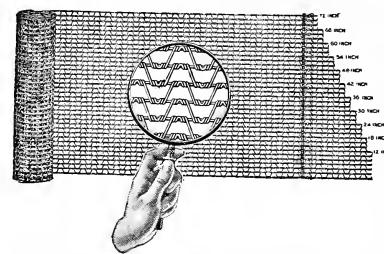
**WIRE STRETCHERS
Steel Tackle Block**

Two Ring "Beaver" *Each, \$1.00*
No. 714. Complete, with rope, clamps, etc. *Each, \$2.10*

U. S. POULTRY FENCE

"The Netting that Stands Alone."

Something Entirely Different in the Way of a Poultry Fence



Price Practically No More Than Common Poultry Fence Service Worth Many Times More.

The combination of line and mesh wires, closely woven, prevents any lengthening or narrowing between posts. In erecting U. S. Poultry Fence the line wires permit of being stretched to a high tension, which compels the fence to remain rigid and upright without anchoring it to a baseboard or top rail. These features place it a long stride beyond the Hex mesh netting, which never fails to narrow and lengthen if you attempt to stretch it to a tension required to prevent sagging. There is no netting on the market that compares with U. S. Poultry Fence for strength, beauty, and durability, and we invite comparison with other makes, knowing that all our claims of superiority will be substantiated.

Galvanized after Weaving

150 linear feet in a Bale

TWO-INCH MESH — NO. 19 WIRE.

Width, inches	12	18	24	30	36	48	60	72
Weight, lbs. per roll	12½	17½	23	28	33½	43	53	63
Price, per roll	\$2.48	\$3.56	\$4.54	\$5.42	\$6.19	\$8.25	\$10.32	\$12.38

ONE-INCH MESH — NO. 19 WIRE.

Width, inches	12	18	24	30	36	48
Weight, lbs. per roll	20	29½	37½	45	53	71
Price, per roll	\$4.95	\$7.12	\$9.08	\$10.83	\$12.38	\$16.50

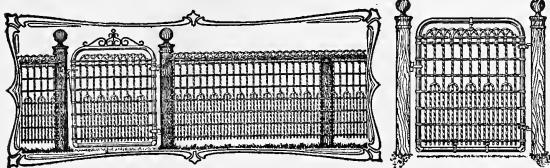
TWO-INCH MESH — NO. 20 WIRE.

Width, inches	12	18	24	30	36	48	60	72
Weight, lbs. per roll	11	15	19	22	26	34	41	49
Price, per roll	\$2.14	\$3.08	\$3.92	\$4.68	\$5.35	\$7.13	\$8.91	\$10.69

WIRE MESH TREE GUARDS

For protecting young trees from rabbits, mice, etc.
Wire Mesh, 15 in. \times 4 in. Each, \$0.15

CYCLONE FENCE, BORDER, TRELLIS and TREE GUARDS



Sanitary Yard Fencing

Universal Walk Gate

Cyclone Sanitary Yard Fencing

Keeps the yards and lawns free from dirt and refuse, protects the home, flowers, gardens, and children in their play. Cheaper than wood, easier to erect, lasts a lifetime. Heavily galvanized with pickets $2\frac{3}{8}$ inches apart at bottom.

36-inch. Style "F" Fabric *Per foot, \$0.22*
42-inch. Style "F" Fabric *Per foot, .24*
48-inch. Style "F" Fabric *Per foot, .28*
3-foot Ornamental Gate to match *Each, 5.25*

Universal Walk Gate

Strong, serviceable; suitable for any yard or home.
For 3-foot Opening *Each, \$5.00*
For 3 $\frac{1}{2}$ -foot Opening *Each, 5.25*



Cyclone Flower Bed Guard

Fits any shape or size of flower bed. Bottoms are left straight to project in the ground. May be taken up in the Winter and used from year to year.

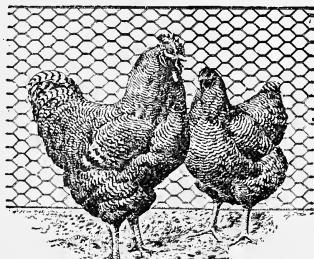
16 inches high *Per foot, \$0.11*
22 inches high *Per foot, .13*

Cyclone "L Extra" Trellis

Just the thing for climbing vines and flowers. Cut to any length; suitable for porch or yard.

18 inches wide *Per foot, \$0.14*
24 inches wide *Per foot, .16*

GALVANIZED POULTRY NETTING



The "Silver Finish" Poultry Netting is made from selected steel wire and after being woven is galvanized with a heavy coat of refined spelter, rendering it impervious to rust.

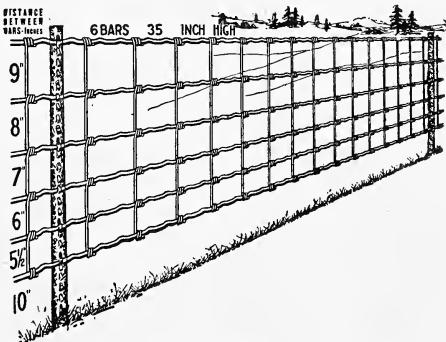
Per Roll (150 Linear Feet), No. 19 Wire
In. wide 12 18 24 30 36 42 48 60 72
2" mesh \$2.48 3.56 4.54 5.42 6.19 7.22 8.25 10.32 12.38
1" mesh \$6.30 9.06 11.55 13.79 15.75 18.38 21.00 26.75 31.50

Per Roll (150 Linear Feet), No. 20 Wire
2" mesh \$2.14 3.08 3.92 4.68 5.35 6.24 7.13 8.91 10.69
1" mesh \$4.95 7.12 9.08 10.83 12.38 14.44 16.50 20.63 24.25

GALVANIZED POULTRY NETTING STAPLES

Netting staples in less than keg lots *Per lb., \$0.09*
Netting staples in 100 pound kegs *Per lb., .08*
Netting staples in 1 pound packages *Per lb., .11*

AMERICAN GALVANIZED WOVEN WIRE FENCE



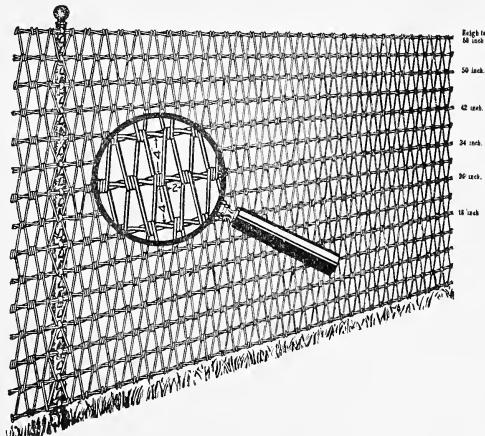
Farm Fence.

No. 635. 35 in. 12 in. Stays, Specification No. 11 *Per rod, \$0.76*
No. 832. 32 in. 6 in. Stays, Specification No. 12 $\frac{1}{2}$ *Per rod, .92*
No. 845. 45 in. 12 in. Stays, Specification No. 11 *Per rod, .98*
No. 1074. 47 in. 12 in. Stays, Specification No. 11 *Per rod, 1.14*
No. 1047. 47 in. 6 in. Stays, Specification No. 11 *Per rod, 1.58*
No. 1155. 55 in. 12 in. Stays, Specification No. 11 *Per rod, 1.28*

Poultry Fence

No. 2158. 58 in. 6 in. Stays, Specification No. 14 $\frac{1}{2}$ *Per rod, 1.37*

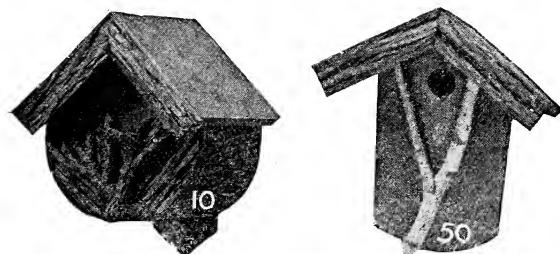
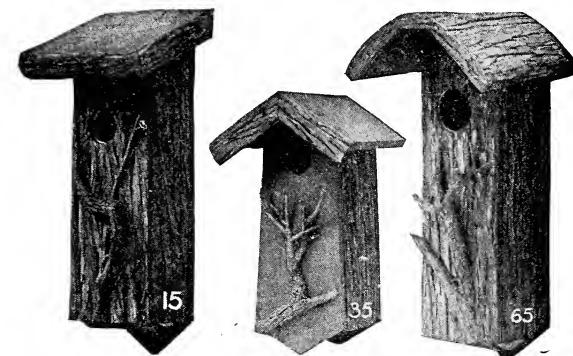
Diamond Lawn Fence



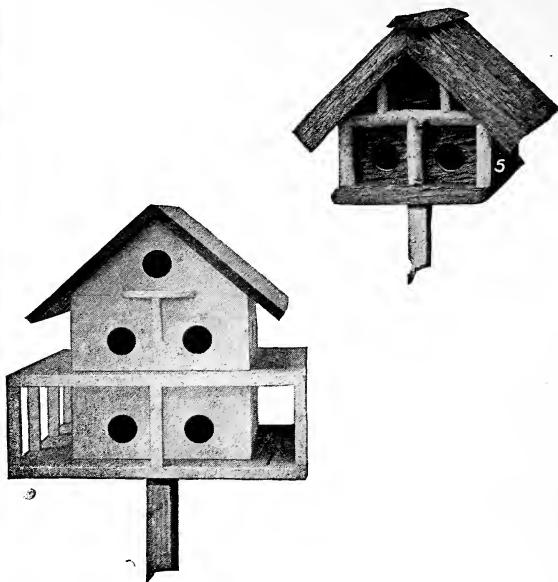
42 inch Non Climable. Specification No. I *Per rod, 2.19*
50 inch Non Climable. Specification No. I *Per rod, 2.56*
58 in. Non Climable. Specification No. I *Per rod, 2.92*

Bales contain 10, 20 and 30 rods. Above sizes carried in stock, Boston. Prices all for Full Bales. Special prices for cut lengths.

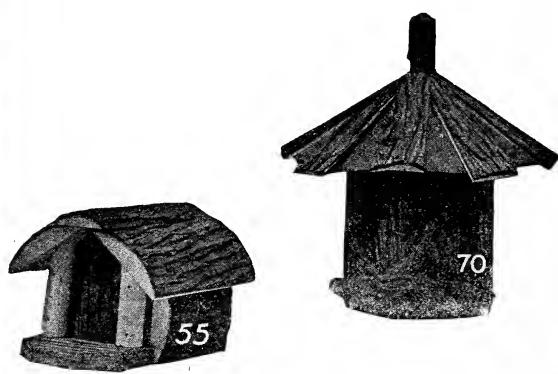
DORSETT'S RUSTIC BIRD HOUSES



MARTIN HOUSES



No. 5. 6 Room.....Each, \$7.50
 No. 6. 10 Room.....Each, 14.00
 No. 7. 14 Room.....Each, 18.00



Dorsett's bird houses are a quality product, both in workmanship and selection of material. They are made from New Jersey swamp cedar, and are the proper size to meet the requirements of the birds mentioned. These houses have all been tried out, and the manufacturer has had many years' experience with birds that inhabit houses.

	Each
No. 10. Wren.....	\$1.60
No. 15. Bluebird.....	1.50
No. 20. Wren.....	1.25
No. 40. Wren.....	1.25
No. 55. Bluebird.....	1.55

	Each
No. 30. Small Birds.....	\$1.25
No. 35. Woodpecker.....	1.55
No. 65. Flicker.....	2.75
No. 50. Wren.....	1.55
No. 70. Swinging.....	1.75

THE "GENUINE" OLIVER CHILLED PLOWS

Beware of imitation plows and extras, claiming to be the genuine Oliver or equally good. The genuine plows and repairs, direct from the factory, are for sale in New England only by us and our authorized agents. All others are spurious and cannot be relied upon to fit well or do good work.



No. 40 Oliver Chilled Plow with Wheel and Jointer

No.	Description	Furrow Weight Inches	Plain Lbs.	Wheel and Jointer Inches		With and Jointer or Cutter
				With Wheel	With Jointer	
A.	Light One-Horse...	4½×8	50	\$11.25	\$12.90	\$16.50
B.	Medium One-Horse	5×10	65	12.50	14.15	17.75
10.	Heavy One-Horse...	5½×11	70	17.25	18.90	22.50
13.	Very Lt. Two-Horse	6×11	80	19.00	20.65	24.25
19.	Light Horse.....	6½×12	100	20.25	22.75	27.15
20.	Medium Horse....	7×13	110	23.00	25.50	29.90
E.	Heavy Horse.....	7×14	125	25.00	27.50	31.90
40.	Heavy 2 or 3-Horse	9×16	130	26.00	28.50	32.90

(One extra Share given with each Plow)



Oliver Cutter



Oliver Jointer

Mouldboards: Junior, are intended for use where it is desirable to turn furrow perfectly flat. Interchangeable with regular Mouldboards. Used on Nos. 20 and 40 only.

Shares: Common Shares marked "C" are intended for use when the soil is in good plowing condition, as in Spring work. Used on all sizes Oliver Plows.

Deep Suction Shares marked "D S" are intended for dry ground, or when the "C" shares do not run deep enough. Used on Nos. 19, 20, E, and 40.

Short Shares marked "S" are for use in very hard, baked soil, or in stony land where the "D S" shares will not run deep enough. Used on Nos. 19, 20, E, and 40. Especially adapted to New England soils.

Steel Shares are for use in soil containing roots, etc., that must be cut off, where the cast shares are not sharp enough. Used on Nos. 10, 13, 19, 20, E, and 40.

Full Chilled Shares marked "F C" are for use in soil comparatively free from stones, where the common cast shares will not scour. They are made with the same suction as the "C" shares. Used on Nos. 20, E, and 40.

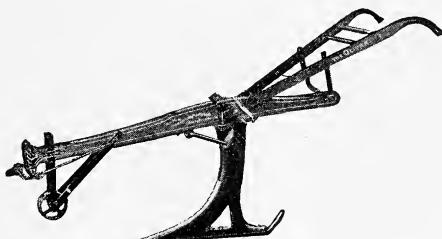
Marsh or Meadow Shares, made of cast-steel, are for plowing marsh or meadow land, and are the only perfect shares made for that kind of work. They cut 16 inches wide and have sharp edges. Used on Nos. E and 40 only.



Nos. 82, 83, and 84 Oliver Steel Beam Plows

The Nos. 82, 83, and 84 are new patterns and intended for general purpose work, for which they are especially fitted. The mouldboards being made of the celebrated Oliver Chilled Metal and having superior turning qualities make these plows well adapted to sandy, gravelly and stony soils. They are of good capacity, are steady running and handle easily. *One extra share given with each plow.*

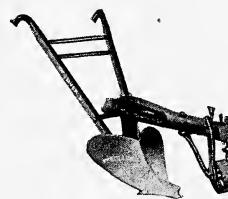
No.	Description	Capacity Inches	Plain	With Wheel	With and Jointer	With Wheel
82.	Light Two-Horse.....	6½×12	\$20.25	\$22.20	\$26.90	
83.	Medium Two-Horse...	7×14	23.00	24.95	29.65	
84.	Heavy Two-Horse....	8×16	26.00	27.95	32.65	



Oliver Subsoil Plow

The Oliver Subsoiler is made upon approved principles and for practical subsoiling is without doubt one of the best of its kind. Simple, strong, and durable. Heavy oak beam, well braced and strapped. Extra quality steel point made to penetrate and wear. Adjustable handles. Gauge wheel to control depth of plowing.

Subsoiler, Depth, 10 to 14 inches, Weight, 143 lbs. Each, \$31.50



Oliver No. Z, Double Mouldboard Plow

The "Z" Plow is especially adapted to cultivating crops where it is desirable to throw the beds into ridges and is also used quite extensively in the cultivation of potatoes and to give the last touch to corn plowing. It is now being used in almost every section of the country, and for the class of work for which it is intended, it is acknowledged to be a great labor-saving plow.

One extra share given with each plow.

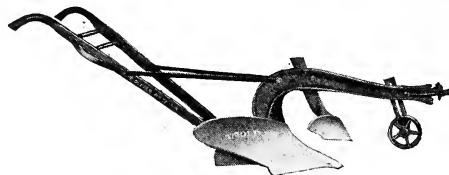
No. Z, Double Mouldboard, double furrow, 16 inch spread, 70 pounds..... Each, \$18.70



Oliver Side Hill or Swivel Plow

The Nos. 512 and 513 Oliver Side Hill Plows are built especially for the New England trade. Exhaustive field trials show that they are superior to any other Side Hill Plow used in this section. Steel trussed beams, adjustable handles, automatic cutter or jointer, steel lever shifting clevis. We guarantee perfect plowing on level land as well as on the side hill. *One extra share given with each plow.*

No.	Chilled Mouldboard	Capacity Inches	Plain	With Wheel	Complete Cutter or jointer
153.	Light One Horse.....	4×8	.....	\$16.15	.....
155.	Heavy One Horse....	6×10	.....	.....	28.15
512.	Heavy Two Horse....	8×13	28.00	29.65	32.95
513.	Heavy Two Horse....	8×15	29.00	30.65	33.95

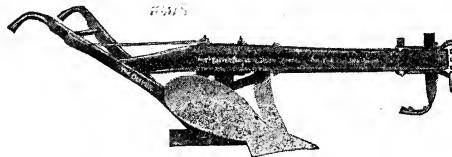


Oliver No. 24 Road Plow

Oliver latest pattern practical Road and Grading plow No. 24 has a cutter share running to the top of the mouldboard, and is built to supply the trade where a strong plow is demanded for difficult road plowing and unusually heavy work. Equipped with a draft rod running from the clevis back to the beam, and furnished with wheel and hanging coulter.

No.

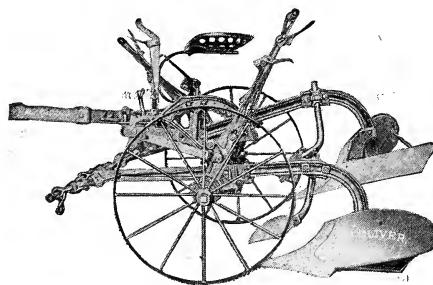
24. With Wheel, 7 X 14 in. \$35.50
25. Iron Beam with Gauge Iron, Shoe and Extra Pick, Wheel and Gauge Iron. 46.75



Oliver No. 1 Road and Grading Plow

Made especially for road and heavy grading work and will penetrate the hardest soil. It has a steel mouldboard, steel bar share, heavy standing coulter and is fitted with an extra strong beam well strapped and braced. Is supplied with gauge iron. Just the plow for contractors, street commissioners and road supervisors. Made both right and left hand.

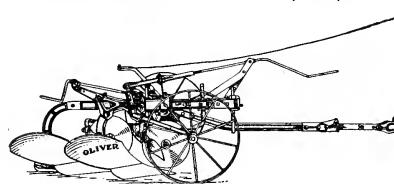
No. 1 R and G, 10 X 12 in., 220 lbs., Complete. \$67.50



Oliver No. 23 Reversible Sulky Plow

No. 23 Oliver Sulky Plow is not only the best in theory and practice, but the most expert and careful workmanship and supervision, together with a most rigid system of tests and factory inspection, guaranteed every purchaser of one of these implements a plow that is just as near perfect as human effort can make it.

Capacity	Complete with Jointers or Cutters	\$125.00
No. 23A. For Two Horses.	7 x 14 in.	
No. 23A. For Three Horses.	7 x 14 in.	125.00

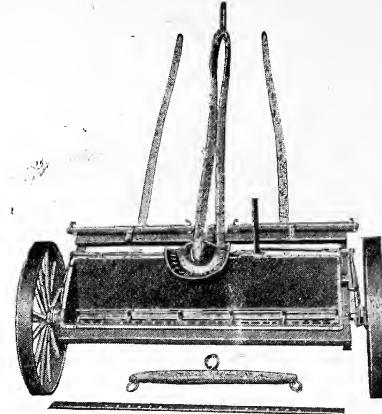


Oliver No. 132 Tractor Plow

By means of an adjustable hitch this Plow can be used with any make of tractor. Has 2 bottoms 14 in. cut.

No. 132. Oliver 2-Bottom Tractor Plow. Each, \$115.00
(Descriptive circulars mailed on application)

THE STEVENS' HORSE FERTILIZER-SOWER

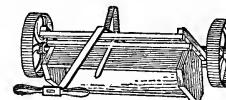


Combines simplicity, strength, and durability. Sows all kinds of fertilizers broadcast, or can be arranged for drills. This machine is set in motion by a lever operated with the foot. The adjustment for sowing from 200 to 4,000 lbs. per acre (depending upon the dryness and different qualities of the fertilizers) is made by a lever operated with the right hand, so simple that a boy can run it.

Regular size, sows 5 ft. 10 in. Price on application
Extra large size, sows 8 ft. 3 in. Price on application

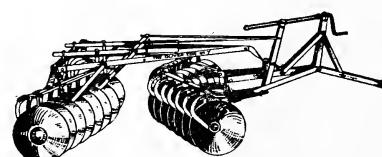
THE STEVENS' HAND FERTILIZER-SOWER

(The finest Golf Greens and Lawns can be obtained only by an even distribution of fertilizers)



This sower does the work perfectly, sowing all kinds of lawn-dressing and other commercial fertilizers, wood-ashes, lime, etc., in large or very small quantities. It can be successfully used for fertilizing strawberry beds, and other garden and field work; is excellent for sifting wood or coal-ashes, sawdust or dry sand on icy walks; will also sow damp sand by removing two blades. The hopper is 34 inches long and holds one and one-half bushels. Weight of machine, 83 pounds. It is well made and nicely painted.

Directions for Using: When loaded, pull the machine and it will remain out of gear, push it and it will be in gear and ready for work. Open holes in bottom plates to sow the desired quantity by swinging the lever to the left as you stand in front facing the machine. If one prefers to push the machine when loaded and pull it when at work change the wheels and ratchets from end to end. Price on application.

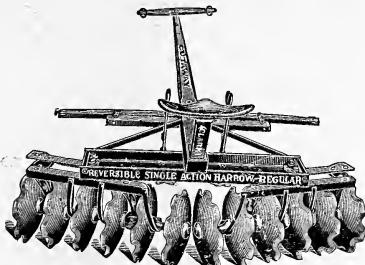


Oliver No. 7 TDH Tractor Disc Harrow

Twenty-eight 16-inch discs; 7 feet cut. Adjustable hitch. Can be used on all types of tractors.

No. 7 T D H. Tractor Disc Harrow. Each, \$115.00
(Can be furnished in other sizes; prices and descriptive circulars mailed on application)

CLARK'S CUTAWAY HARROWS



No. A6. Cutaway Single Action Harrow

This Single Action Cutaway Harrow is reversible, light, strong, durable, and efficient.

No. A4. Eight 16-in. Discs, 4 ft., One Horse. *Each*, \$42.30
No. A6. Twelve 16-in. Discs, 6 ft., Two Horse *Each*, 52.00

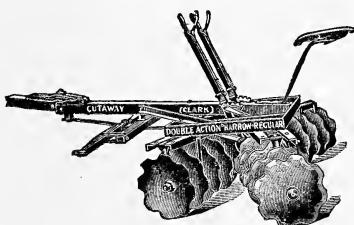
Clark's Cutaway Grove Harrow

No. O5. Twelve 14-in. Discs, 4½ ft. cut, One Horse. *Each*, \$33.75

Clark's Cutaway Smoothing Harrow

No. 8H. 8 ft. wide, Two Horse, Heavy. *Each*, \$47.00

CLARK'S DOUBLE ACTION CUTAWAY HARROWS



These machines have four gangs of discs. The front gangs loosen and break up the dirt and throw the dirt out, the rear gangs throw the dirt in. All four gangs are carried by a main frame that makes a very strong unyielding connection between them. The rear discs are placed so as to track between the front discs, and the main frame holds the rear discs to their work, keeping them from dodging to either side and holding them in the ground, no matter how hard the land is. Any trash passing between the front discs is cut up by the rear discs and turned under, where it will turn into plant food.

These machines are regularly equipped with the ordinary rigid pole, and with hitch, neck yoke and wrench. Jointed Pole extra. Transport Trucks extra.

No. A5. Twenty 16-in. Discs, 5½ ft. cut. *Each*, \$87.45
(*Descriptive Catalogue of Clark's Cutaway Tools mailed on application*)

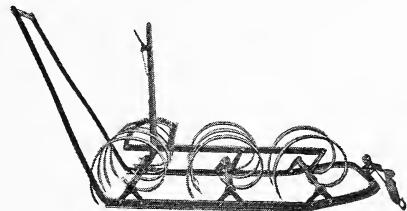
CLARK'S CUTAWAY TRACTOR DISC HARROWS

The Clark "Cutaway" is the successful harrow for tractor use. It was designed especially for this work and built in every particular to meet the needs and requirements of tractor service. Years of experience have shown the success of this policy and there are today more Clark "Cutaway" Double Action Tractor Harrows in use than any other make.

Heavy Service Double Action Tractor Harrow
For Tractors delivering 10 or more drawbar horse power.

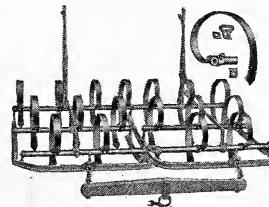
Light Service Double Action Tractor Harrow
For Tractors delivering 5 or more drawbar horse power.
(*Descriptive circulars and prices on application*)

OLIVER ONE HORSE SPRING-TOOTH HARROW



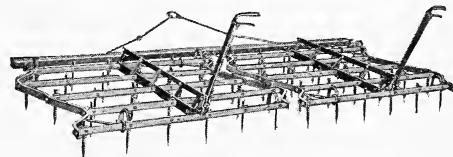
One Horse, 9-Tooth, 1 Section with handles and Whiffletree. *Each*, \$25.00

OLIVER TWO HORSE SPRING-TOOTH HARROW



Two Horse, 15-Tooth, 2 Section with Whiffletree. *Each*, \$35.00

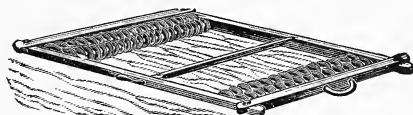
OLIVER STEEL LEVER HARROW, "A" SERIES



Steel-Bar Lever Harrows represent the best class of harrowing implements ever offered to the farmer, and are fast superseding all other varieties for general farm work. By the use of the lever any desired angle can be given to the teeth, forward (↙) to dig into the ground, upright (↑) like the common wood frame harrow; or backward (↘) to smooth; or level (→) for transportation or for use as a land leveler.

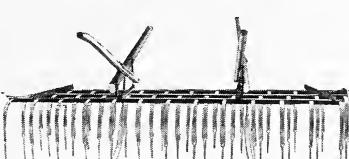
(2) Section with Draw Bar, 60 teeth. *Each*, \$22.00

THE MEEKER SMOOTHING HARROW



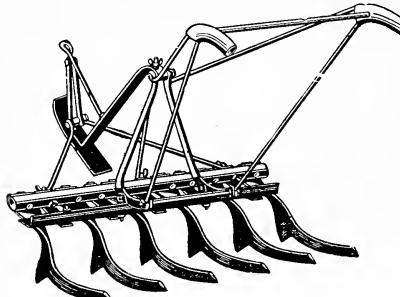
Designed especially for Market Gardeners' work
Two Horse, 6' 8" × 6'; 58 eight in. Discs. *Each*, \$45.00
One Horse, 4' 6" × 4'; 46 eight in. Discs. *Each*, \$40.00

OLIVER WALKING WEEDER

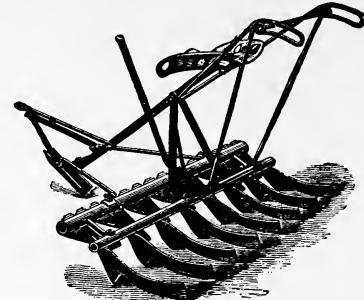


No. 1. With runners. 8 feet wide. *Each*, \$20.00

ACME PULVERIZING HARROWS

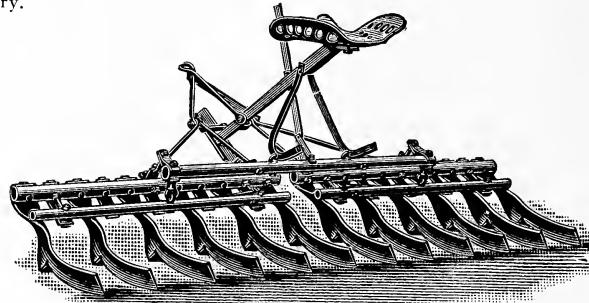


No. G. 3' 2" 1 Horse.



No. H. 4' 4" 1 Horse

The Acme Pulverizing Harrows carried in stock in Boston are shown in the illustrations and are sold f. o. b. Boston (see Price List). All other sizes are f. o. b. Factory.



No. 23. 6' 6" 2 Horse

These harrows have been used successfully for so many years by leading farmers in New England that little explanation is needed as to their operation or merit.

The Acme Pulverizing Harrow is built in sizes ranging from 3 to 17½ ft. in cutting width. It is actually true there is a size of Acme harrow for every farm, garden or orchard and they are built in both the flexible and rigid frame types, also with standard and XL coulters.

The standard type of Acme harrow should be used in general seed bed preparation and will handle soil whether heavy or light, rough or smooth, preparing an ideal seed bed that assures the owner of the largest possible crop return. The coulters work down between the furrow slices filling the air spaces with fine pulverized soil worked in from the surface, cutting up and imbedding in this fine soil the clods and stubble that has been carefully plowed under so its fertilizing value may be added to the soil.

Orchardists find the Acme Harrow is ideal for surface cultivation. Cultivate the orchard after every rain. Turning and

re-turning the surface thus not only cuts off all the weed growth but creates the perfect mulch that attracts and retains the moisture for the benefit of the growing trees. Proper care of an orchard is just as important as the proper preparation of a seed bed.

It should be borne in mind that the standard type of harrows and coulters should be used for seed bed preparation. The XL type should be used exclusively for surface cultivation. Remember that the Acme harrow is built entirely of steel and iron. No castings to break or wooden parts to wear out.

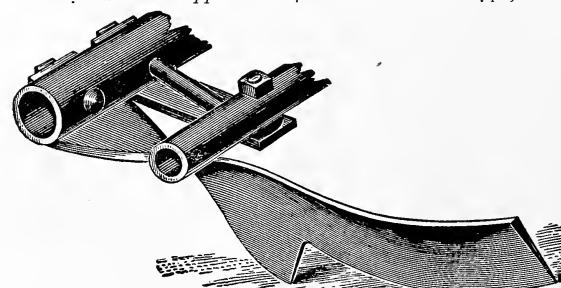
A feature of interest, the importance of which can hardly be overestimated, is that every Acme coulter is die stamped with the trade mark Acme as a protection to you. Be sure your dealer supplies you with genuine Acme harrows and genuine Acme coulters and it is only in this way you can be assured of the results you are seeking in seed bed preparation or good orcharding.

Descriptive circulars mailed on application.

PRICE LIST

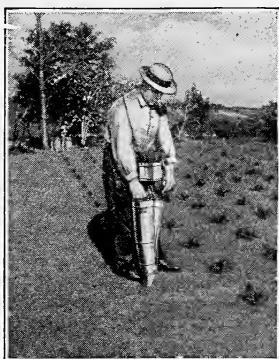
No. G 3' 2" 1 Horse, F. O. B. Boston	Each, \$16.00
No. H 4' 4" 1 Horse F. O. B. Boston	Each, 26.00
No. 23 6' 6" 2 Horse F. O. B. Boston	Each, 35.00
No. 26 8' 6" 2 Horse F. O. B. Factory. Price on application.	
No. 25 Extension, 2 Horse, F.O.B. Factory. Price on application.	
No. 25S. 9' 6" 3 Horse, F. O. B. Factory. Price on application.	

No. 24 13' 6" 4 Horse, F. O. B. Factory. Price on application.
No. 24T. 13' 6" Tractor, F. O. B. Factory Price on application.
No. 27 17' 6" 4 Horse, F. O. B. Factory. Price on application.
No. 27T 17' 6" Tractor, F. O. B. Factory. Price on application.
No. 25 9' 6" Special Tractor, F.O.B. Factory. Price on application.
Coulters and Shoes, Standard Each, \$1.10
Coulters No. XL type, Factory. Price on application.



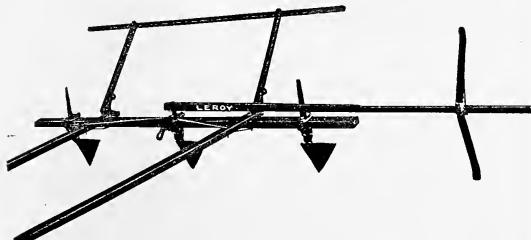
Acme Standard Type Coulters

MASTERS RAPID PLANT SETTER



The ideal tool for transplanting Cabbage, Tobacco, Sweet Potato, Cauliflower, Tomato, Strawberry, and all similar plants. Each plant is put into the ground just the right depth, set, watered and covered in one operation. No stooping and no lame backs. Saves labour, does perfect work and more than three times as fast as can be done by hand. Will set plants in driest weather and get a perfect stand. Satisfaction guaranteed or your money back. *Each, \$7.50*

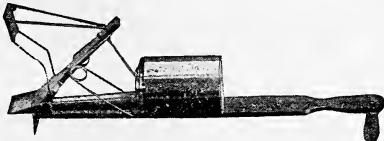
FIELD MARKER



IMPROVED FIELD MARKER

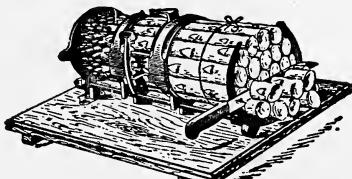
Marks 3 rows each trip. Light and easy to operate. Handles adjustable in height. Large heavy diamond-shaped 10-inch points, with standards adjustable for marking wide or narrow rows. *Each, \$20.00*

ACME ROTARY CORN PLANTER

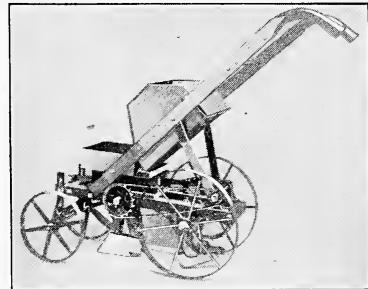


Most accurate and dependable Hand Corn Planter made. Novel adjustable rotary cast disk has seven pockets, seven chances to be filled evenly and regularly. Pockets adjusted for drop by a thumbnut beneath the disk, inside the skeleton frame. One movement adjusts all the pockets the same. The adjustment is made with the fingers. The cut-off is clock-spring steel, nothing to wear out, nothing to break, accurate. *Each, \$2.75*

ASPARAGUS BUNCHER



Latest improved. Makes bunches right size for New England use. Price does not include knife. *Each, \$6.00*



ONION SET PLANTER

Price \$65.00 F. O. B. Pleasant Valley, Ia.

Save the Labour of at Least Ten Men

Every grower, growing onions from sets knows how slow and costly hand planting is. With this Onion Set Planter one man can plant an acre per day in rows 12 inches apart, thus getting the crop planted at the proper time. This means increased acreage, bigger and better crops. Getting crop planted in proper time also means an earlier harvest when prices are highest.

As an experiment some onion sets were planted, taking care to get them upright in row. Directly alongside, were planted the same number of sets, just dropping them evenly in the row. It was found that the sets which were left lying in the row grew and produced just as good a crop as those set straight up. This proved that it was not necessary to set the onions upright, and that a planter could be used to splendid advantage.

This onion set planter is substantially constructed and will give many years of dependable service. The Planter has a shoe that makes a very narrow row, drops the set and covers. It will plant sets of any size, has adjustments regulating the planting of large or small sets as well as planting sets close or far apart in the row. All adjustments handy and easily changed.

ACME POTATO PLANTER



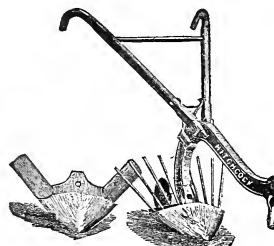
The Acme is extremely simple, strong and durable. It has crucible steel jaws, formed at a red heat and properly tempered for the work; and a strong handle well set into a malleable iron socket. *Each, \$1.25*

SINGLE ROW WING POTATO HOE



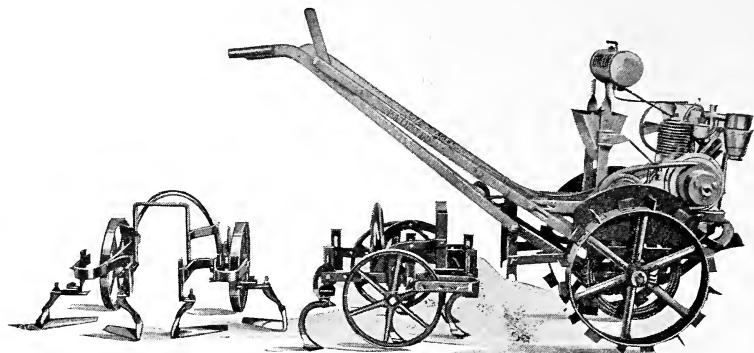
For the cultivation of potatoes, corn, and other hoed crops. Both hoes are used for covering. When planting is done by hand, these hoes are used to open furrows. *Each, \$25.00*

THE HITCHCOCK POTATO DIGGER

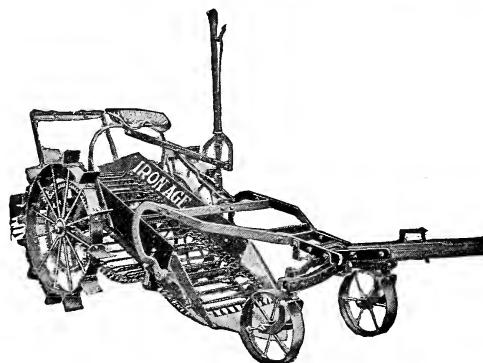


Price Each, \$15.00

BOLENS POWER HOE



IRON AGE ELEVATOR POTATO DIGGER

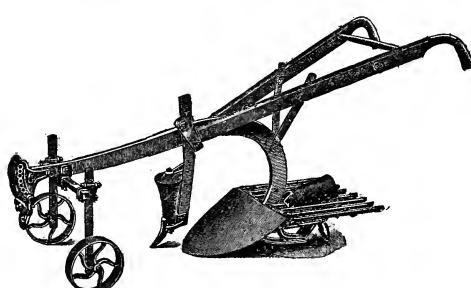


Being strictly an elevator machine and not built to be used in two or more ways, No. 155 is simple in construction and light weight. It is desirable in those sections where an elevator digger is needed most of the season. It has had the general and emphatic approval of the large and small potato growers. A number of years, thorough tests prove that it has been successful with many thousands of potato growers in New England, the North Atlantic States, the North Central States, Oregon and Washington. It has been digging steadily through several seasons in all kinds of ground, in heavy vines, grass, weeds, etc., in ordinary and extreme conditions, from light crops to three or four hundred bushels per acre. Built on a very simple design, yet has great strength and power.

No. 155. Digger, complete. *Price on application.*

(Descriptive circulars mailed on request.)

MOLINE POTATO DIGGER



The Moline is the only potato digger made that has a pair of sled runners under the sifter, which prevents the jolting that has condemned so many other diggers. The grate or sifter works violently up and down, thoroughly separating the potatoes from the soil, and leaving them all on the surface.

Moline 2 Horse, with Fore Truck. *Each, \$35.00*

The Bolens Power Hoe is a light Garden Tractor so skillfully designed as to be in fact a motorized wheel hoe. Given a guiding hand it does the most delicate and exacting work and does it much more rapidly than can be done with hand or push hoes. It seeds, weeds, cultivates, and the attachments for all of these operations are instantly interchangeable.

The Bolens Power Hoe is used by farmers, market gardeners, florists, nurserymen, home gardeners, in fact, by all who practise intensive cultivation of row crops. Those who own the tractor are recommending it to their friends. One prominent grower writing of his experience says: "Since I bought the Bolens my wheel hoes and other implements of the past are rusting from lack of use."

(Descriptive Catalogue and prices mailed on application)

CALDEONIA CELERY BANKER AND HARVESTER



The harvesting of a celery crop has always been a source of useless trouble and expense, as a large force of men was required for a long time in gathering the celery ready for market. With Caledonia machines, one man with a team will do the work that it required from 25 to 50 men to accomplish by the old method.

The Banker comes into use as soon as the plants are large enough to work in and takes complete charge of the cultivation until ready to harvest when the Harvester is substituted.

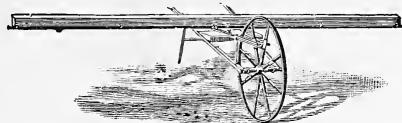
The Harvester is fitted with a clean cutting, tempered steel knife that cuts the roots at any desired depth and leaves the celery loose in the ridge, but not thrown out of the dirt, making it possible to leave it in the ground for some time after cutting without damage to the crop; or it can be gathered at once as easily as though it were lying on the surface. The main truck for this machine is the same as used with the banker and either attachment is easily replaceable with the other by the removal of two bolts and the loosening of two pairs of clips. In this way, the two machines are available at a little more than the price of one.

Caledonia Celery Harvester. *Each, \$85.00*

Caledonia Celery Banker. *Each, 95.00*

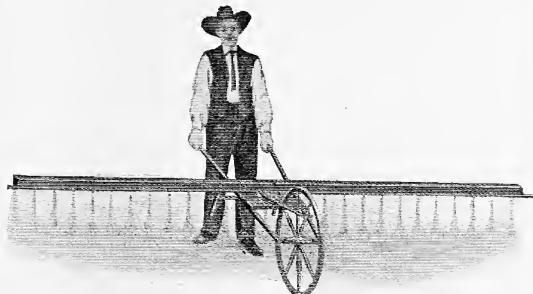
Caledonia Combined Banker and Harvester. *Each, 125.00*

THOMPSON'S WHEELBARROW GRASS SEEDER



This Seeder is arranged to sow all chaffy seeds such as redtop, orchard grass, and blue grass, and all seeds like timothy, hungarian and clover, in any quantity from 6 to 40 quarts to the acre, mixed or separate. The hopper being carried close to the ground the sowing is not affected by the wind.

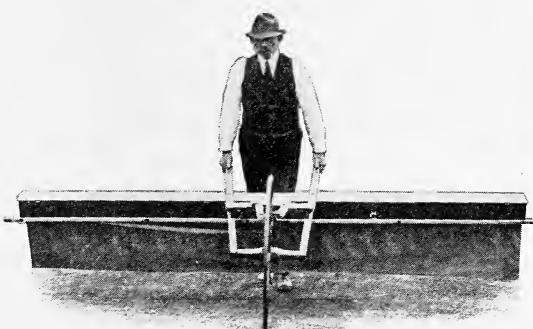
No. 5. Seeder complete with 14 ft. hopper.....Each, \$14.00
No. 4. Grain Hopper only.....Each, 9.75



THOMPSON'S "GOLF SPECIAL" SOWER

A duplex machine: one side sows all smooth seeds the size of Clover, Timothy, or Alfalfa; by reversing the hopper it sows solid or recleaned seeds such as Red Top, Orchard Grass, Blue Grass, Sudan Grass, or others of the same size and nature. Any quantity per acre can be sown. The amount is instantly increased or decreased by changing the pin in the index of the control plate. Length of Hopper, 14 feet.

No. 95. Golf Special Sower complete.....Each, \$23.00

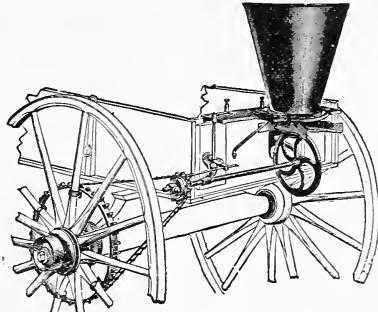


THOMPSON'S "GOLF SPECIAL" POWDER SOWER.

A prominent member of the Greens Section U. S. Golf Association suggested this Golf Special hopper to sow dry Bordeaux Mixture and other powders on greens that were infected with fungus growths. This hopper is 10 feet long and hung below the frame to be closer to the ground. The curtain prevents the powder being blown about. Dry fine commercial sheep manure dry bone meal, nitrate of soda, sulphate of ammonia and corrosive sublimate mixed in dry sand are evenly and rapidly distributed. The quantity sown is accurately controlled. Hopper holds 3½ pecks of powder.

No. 17. Golf Special Powder Sower, complete....Each, \$22.00
No. 17. Golf Special Powder Sower, hopper only, Each, 15.00

THE FREEMAN BROADCAST SEED SOWER

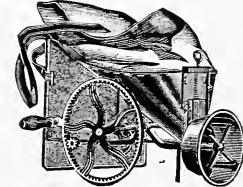


The Freeman sows to perfection grain and seeds of all kinds, any desired amount per acre; also land plaster, salt, lime, ashes, fertilizers (when dry) etc. Will sow 100 acres per day, and is easily attached to any cart or wagon.....Each, \$23.00

CAHOON'S PATENT BROADCAST SEED SOWER

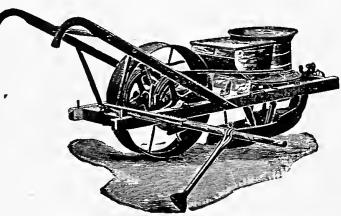
Sows all kinds of grain and grass seed from 4 to 8 acres per hour. At common walking gait will throw wheat about 40 feet.

Each..... \$5.00

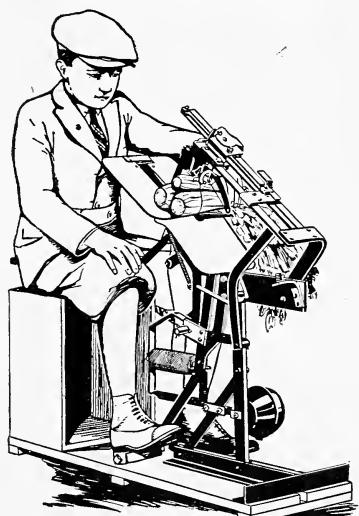


KING OF THE CORN FIELD CORN PLANTERS

For planting field or ensilage corn, beans, peas, or beet seeds in hills, drills, or checks. This planter will accurately distribute all commercial fertilizers, wet as well as dry, pulverized hen manure, plaster, ashes, and other fertilizers of like consistency. Each..... \$42.50



FELINS TYING MACHINE



The Felins Tying Machine is an absolute labor saving device for market growers. It saves time and twine and will do five hours of tedious hand work in one hour. It will tie as tightly as desired any size bunch from one-quarter to five inches in diameter adjusting itself automatically to the bunch. This machine will enable you to market your produce earlier and devote more time to your land.....Each, \$75.00

(Descriptive circular mailed on application.)

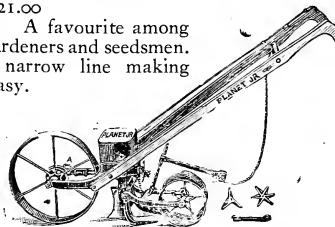
PLANET JR. FARM and GARDEN TOOLS

You cannot afford to till the ground without Planet Jr. tools. They not only save hard labour but they enable you to cultivate double the acreage in the same time, and thus add over 100 per cent to your crop yield. Invented by a practical farmer and manufacturer — the result of fifty years' experience. Strong, lasting construction. Fully guaranteed. We show but a few of these tools here but complete catalogue will be sent on application.

No. 3 Planet Jr. Hill and Drill Seeder

Price, \$21.00

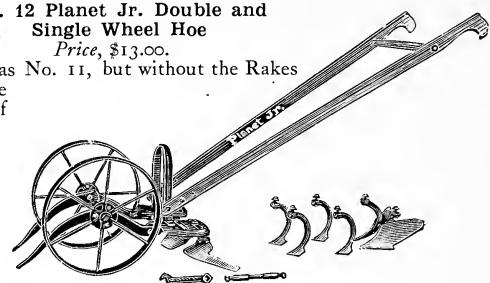
Holds 3 Quarts of seed. A favourite among onion growers, market gardeners and seedsmen. Sows accurately in a narrow line making wheel-hoe cultivation easy.



No. 12 Planet Jr. Double and Single Wheel Hoe

Price, \$13.00

Same as No. 11, but without the Rakes and one pair of Hoes.



No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, complete, \$21.50.

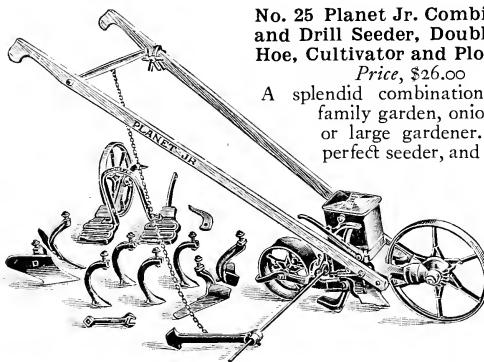
No. 4D (as a seeder only) \$17.00.

Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily.

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Whee Hoe, Cultivator and Plow.

Price, \$26.00

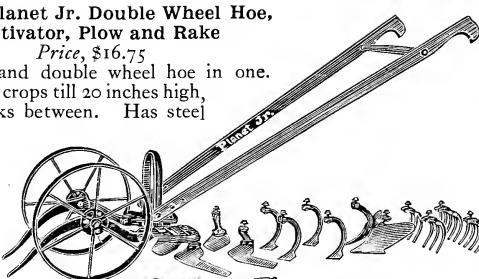
A splendid combination for the family garden, onion grower, or large gardener. It is a perfect seeder, and combined double and single wheel hoe.



No. 11 Planet Jr. Double Wheel Hoe, Cultivator, Plow and Rake

Price, \$16.75

A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand cultiva-
ting tool in the world.



No. 13 Double and Single Wheel Hoe

Price, \$9.25

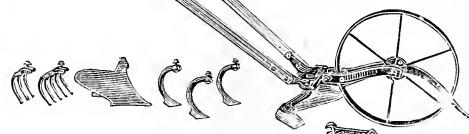
This tool is the No. 12, with 6-inch



hoes only, these being the tools that are most used. Any of the attachments shown with No. 11 may be added at any time.

No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow

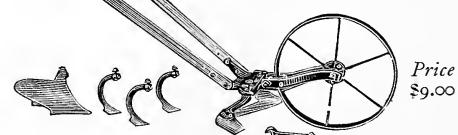
The most useful type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman, or boy. Will do all the cultivation in your garden in the easiest, quickest and best way.



A new feature — double wheel arms in place of the old style single wheel arm. Price, \$10.75.

No. 17 Planet Jr. Single Wheel Hoe

You can do more and better hoeing with it in one day than you can in three with a hand hoe. The No. 17 has an assortment of cultivating tools sufficient for most garden work. Double wheel arms in place of the old style single wheel arm.



Price
\$9.00

No. 17½ Planet Jr. Single Wheel Hoe

Identical with No. 16, except in equipment. Pair of 6-inch hoes, three cultivator teeth and leaf lifter which go with it. Price, \$8.25.

No. 18 Single Wheel Hoe Price, \$7.00

No. 19 Planet Jr. Garden Plow and Cultivator

The No. 19 is an attractive implement, especially designed for the farmers' garden-work though it offers to every one with either field or garden a cheap and effective tool for wheel hoe operations. Equipment consists of 1-2" cultivator tooth; 1-10" sweep; 1 Plow; 1-5 prong cultivating attachment. The variety, shape and quality of the tools make the implement light running and effective. It is



strong, well made, and quickly adjusted. Price, \$7.00.

PLANET JR. HORSE TOOLS

No. 90 Planet Jr. 12-Tooth Harrow, Cultivator and Pulverizer. Price Complete, \$21.50. No. 90B without Pulverizer, \$17.75. A valuable tool in the market garden, truck and



strawberry patches. Has new steel wheel which prevents clogging. Its 12 chisel-shaped teeth cut out all weeds, stir and mellow the soil and leave the ground in the finest condition without throwing dirt on plants.

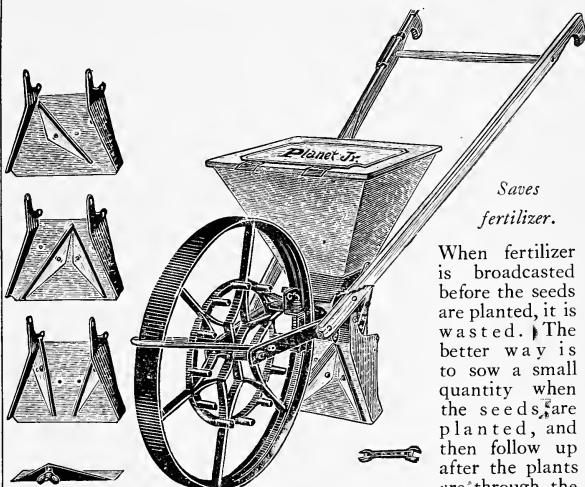
Fire Fly Garden Plow

This tool is very valuable to owners of small gardens. It will throw a furrow four to six inches wide and one to three inches deep, and deeper by going a second time in each furrow. It opens furrows for manure or seeds and covers them, and opens up rows for all kinds of plant setting. In cultivating, plow away lightly; leave a few days for all weeds to die; and plow back again; nothing more thorough than this. Chicken raisers find it of great advantage in plowing up their scratching yards. Price, \$4.75.

Star Pulverizer, Cultivator and Weeder

The new style Star Pulverizer, Cultivator, and Weeder is an improvement over the old one, being about 50% lighter, and therefore more easily handled. With it one can cultivate where plants are close and when used after a rain, will not leave the ground in a lumpy condition. Very effective in preparing seed beds and for working the flower garden. Star discs break up the soil and the oscillating blade

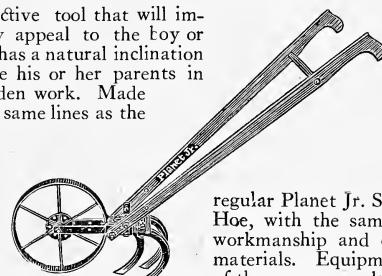
—which works forwards and backwards—cuts off weeds close under the surface—and pulverizes the soil. Price, \$7.00.

**No. 20 D. Planet Jr. Fertilizer Drill**

When fertilizer is broadcasted before the seeds are planted, it is wasted. The better way is to sow a small quantity when the seeds are planted, and then follow up after the plants are through the ground by side-dressing with the Planet Jr. No. 20 D Fertilizer drill. This new spout arrangement permits one to distribute the fertilizer—to left and right at one time, down the center of the row, or all to one side—left or right as desired. Rush young plants by side dressing with No. 20 D Fertilizer Drill. Makes a more tender crop, which sells quicker—at much better prices. You need one—see your dealer today. Price, \$33.00.

Planet Jr. Juvenile Wheel Hoe

An attractive tool that will immediately appeal to the boy or girl who has a natural inclination to imitate his or her parents in their garden work. Made along the same lines as the



regular Planet Jr. Single Wheel Hoe, with the same careful workmanship and of the best materials. Equipment consists of three narrow cultivator teeth

which will be found to do effective cultivating in the garden. Outdoor work with this tool will instil in the youngsters that spirit of industry that will help them throughout life; and will give them healthy, sturdy constitutions.

Price, \$4.50

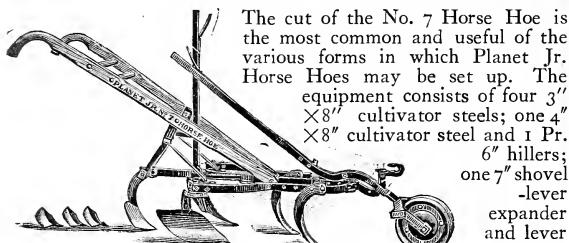
No. 119 Planet Jr. Garden Plow and Cultivator

24 in. Steel Wheel.



This tool will appeal to those who prefer a high wheel tool for their garden work. Where the soil has not been so thoroughly and carefully prepared, the high wheel undoubtedly makes an easy running tool. The equipment is so complete that it will meet all the requirements of the ordinary garden, where the

adjustments and refinements of the higher priced wheel hoes are not required. Weight, 16½ lbs. Price, \$5.80.

Planet Jr. No. 7 Horse Hoe

The cut of the No. 7 Horse Hoe is the most common and useful of the various forms in which Planet Jr. Horse Hoes may be set up. The equipment consists of four 3" \times 8" cultivator steels; one 4" \times 8" cultivator steel and 1 Pr. 6" hillers; one 7" shovel lever expander and lever steel wheel.

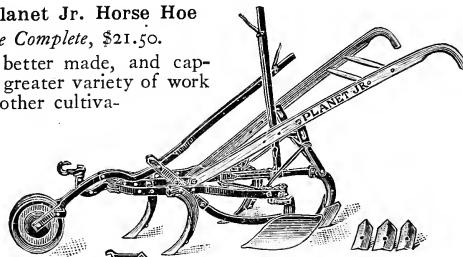
A sturdy, well designed, and useful horse hoe, giving satisfactory service years after the initial cost has been forgotten.

Price, \$20.50.

No. 8 Planet Jr. Horse Hoe

Price Complete, \$21.50.

Stronger, better made, and capable of a greater variety of work than any other cultivator made.



Non-clogging steel wheel. Depth regulator and extra long frame make it run steady.

No. 9 Planet Jr. Combined Horse Hoe and Cultivator

Price, with Steel Wheel, \$18.75.

Is identical with No. 8, except that it has no depth regulator, and has a plain wheel instead of a lever wheel.

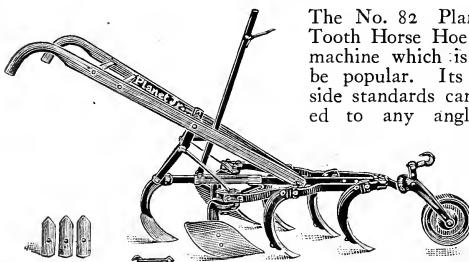
No. 4 Planet Jr. Horse Hoe

The No. 4 Horse Hoe is strong and simple. It has the latest handle braces; very firm, simple, convenient. With them the frame and handles seem almost like one solid piece. Changes in width are



quickly made by loosening one nut on each side; one side may be opened wide, while the other is closed. Every feature is carefully designed and the tool will give complete satisfaction.

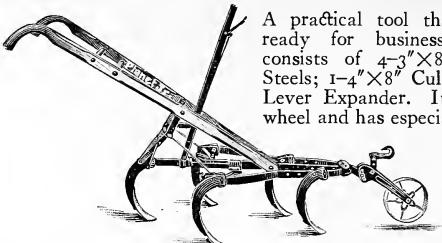
Price, \$17.00.

No. 82 Planet Jr. 7-Tooth Horse Hoe and Cultivator Combined

The No. 82 Planet Jr. 7-Tooth Horse Hoe is a new machine which is bound to be popular. Its reversible side standards can be turned to any angle desired.

The seven teeth insure fine and thorough cultivation. The machine will take extra attachments shown in the Planet Jr. regular catalogue. The whole combination is one which is valuable for hoeing, hilling or thorough cultivating.

Price, \$21.50.

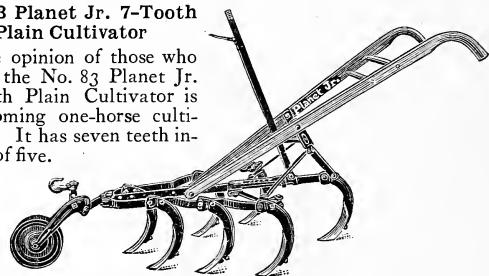
No. 9 Planet Jr. Plain Cultivator

A practical tool that is always ready for business. Equipment consists of 4-3" \times 8" Cultivator Steels; 1-4" \times 8" Cultivator Steel; Lever Expander. It has a steel wheel and has especially hardened beveled steel teeth, which keep sharp and add

50% to the wear. The tool is light, yet strong, with hollow steel standards and steel draft hook. *Price, \$17.00.*

No. 83 Planet Jr. 7-Tooth Plain Cultivator

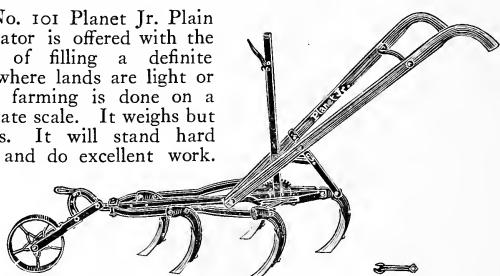
In the opinion of those who know, the No. 83 Planet Jr. 7-Tooth Plain Cultivator is the coming one-horse cultivator. It has seven teeth instead of five.



The teeth are 2 1/4" wide, and their work is finer and more thorough than that of the five-tooth cultivator. It finishes all rows up to 42 inches apart, and will work the middles completely at one passage. Can be run deep or shallow. Takes all widths of our beveled steel cultivator teeth; also sweeps, furrowers, turning shovels, regular shovels and alfalfa steels. *Price, \$18.50.*

No. 101 Planet Jr. Plain Cultivator

The No. 101 Planet Jr. Plain Cultivator is offered with the object of filling a definite need where lands are light or where farming is done on a moderate scale. It weighs but 46 lbs. It will stand hard usage and do excellent work.



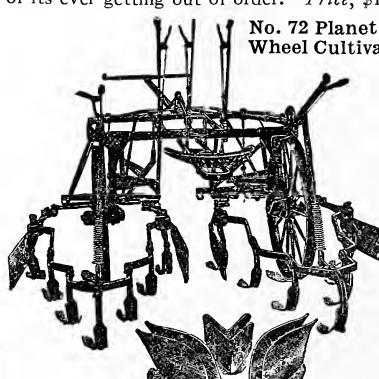
A steady running tool and easy to handle and adjust. Equipment consists of 5-3" \times 8" Cultivator Steels; Lever Expander and Wheel. The lever has recently been simplified and improved and works very easily. Has so few parts there is little danger of its ever getting out of order. *Price, \$13.50.*

No. 72 Planet Jr. Two-Row Pivot Wheel Cultivator, Plow, Furrower and Ridger

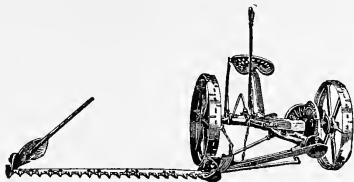
*Price, \$124.75
complete with Spring Trip Standards*

No. 72 Planet Jr. 2-row, 2-horse, Pivot wheel Cultivator saves a man, a team, and a cultivator every day it is used. Cultivates 2 rows of corn, potatoes, beans, etc., at one passage, even if rows are crooked or irregular width. In check rows and listed corn

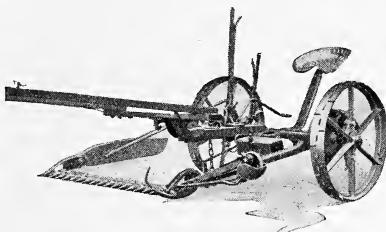
it also beats any other tool. Can be equipped with spring-trip standards, discs, sweeps, hoe steels, and furrowing shovels. Specially hardened cultivating steels add 50 per cent to wear.



IMPROVED CHAMPION MOWERS



One-Horse Champion Mower, built to cut 3½ feet.

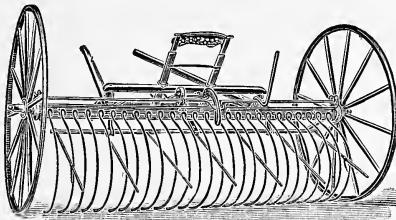


Two-Horse Champion Mower, built to cut 4½, 5, 6, and 7 feet

More saved in first year than the difference between the price of the best and the poorest—the Champion Mower is substantially as good a machine after ten years of work as it was when new—the maker of a poor mower can afford to sell his mower at less than cost—he makes his money out of the repairs. The farmer in the end pays him a big profit. Buy only the Champion Improved Mower.

Powerful lift, large range of tilt. Steel and malleable iron used in place of cast iron wherever strain comes. Will be cutting grass after other mowers are thrown aside. Don't fail to send for complete catalogue. *Prices on application.*

THE CHAMPION HORSE HAY RAKE



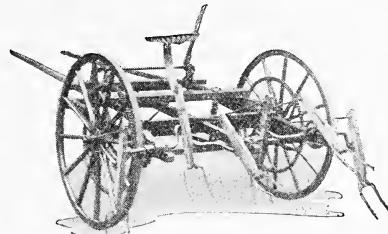
The Champion rakes heavy hay, green hay or scatterings, but digs no sod. It dumps cleanly and quickly. Any boy can operate it. It is very long wearing and light draft for the horse. Size: 8 foot, 26 tooth. All sizes can be equipped for two horses by ordering the combination. *Prices on application.*

RUDDY HARVESTER OIL

This oil is the result of many years of experience with the needs of the agricultural trade. It is especially adapted to use where a heavy oil is made necessary by loose bearings. It will stay where it is put, is very slightly affected by changes of temperature.

1 qt. cans.....	Each, \$0.75
½ gal. cans.....	Each, 1.00
1 gal. cans.....	Each, 1.50
5 gal. cans.....	Each, 6.00

THE BULLARD HAY TEDDER



The Bullard Hay Tedder leaves the hay in a loose, fluffy condition, permitting the air to circulate freely through it. A mower leaves the hay flat on the ground, where it absorbs moisture and becomes rank and pungent. Tedding the hay allows it to cure alike throughout, and adds greatly to its feeding and market value.

Size: 6 fork, can be equipped with combination for one or two horses. *Price on application.*

SCYTHES

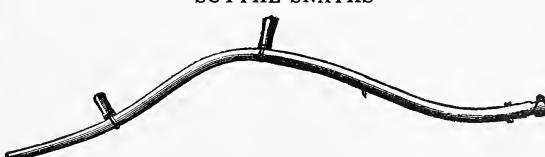


Breck's Victor Scythe, English Steel, Fully Warranted Victor..... Each, \$2.00

Heavy Bush Scythe
Bush..... Each, \$2.00Weed or Bramble Scythes
Bramble..... Each, \$2.00Waldron's English Lawn Scythe
(Imported from England)

English Lawn, 34 to 36 in..... Each, \$3.75

SCYTHE SNATHS



No. 50. Old No. 00, Ash Iron trimmed.....	Each, \$1.75
No. 65. Old No. 00, Cherry, Iron trimmed.....	Each, 2.00
No. 105. Patent Loop Bush Snath.....	Each, 2.00

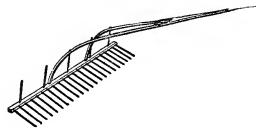
Our Snaths are all made by standard New England manufacturers. Especial attention given to furnishing straight snaths for use on marshes.

EXTRA PARTS FOR SCYTHE SNATHS

	Each
Grass Snath Wrenches.....	\$0.10
Bush Snath Wrenches.....	.10
Grass Snath Sockets.....	.15
Bush Snath Sockets.....	.15
Grass Snath Loop Rings.....	.20
Bush Snath Loop Rings.....	.30
Grass Snath Loop Rings, Bolts and Nuts.....	.20
Bush Snath Loop Rings, Bolts and Nuts.....	.25
Handles Complete.....	.40



Turkey Wing Cradle



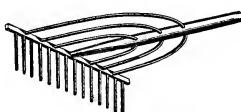
Drag Rake

GRAIN CRADLE

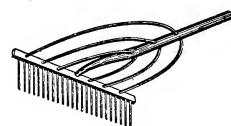
Five finger. Wire brace. Improved fastening. Made from extra selected stock. The Turkey Wing pattern is best adapted to New England. Complete..... *Each, \$6.50*

DRAG RAKES

Alexander's Adjustable.....	<i>Each, \$2.25</i>
Extra Teeth.....	<i>Each, .05</i>
Extra Pins.....	<i>Each, .05</i>



Hay Rake



Lawn Rake

HAND HAY RAKES

	Wood Bows	Steel Wire Bows
Hand made, 2 bows, black label, bent and varnished.....	<i>Each, \$1.05</i>	<i>\$1.10</i>
Hand made, 3 bows, black label, bent and varnished.....	<i>Each, 1.15</i>	<i>1.00</i>
Regular, 2 bows, red label, bent.....	<i>Each, 1.10</i>	<i>.90</i>
Common, 2 bows, green label, bent.....	<i>Each, .85</i>	
Common, 3 bows, green label, bent.....	<i>Each, .95</i>	
No Label, 2 bows, assorted.....	<i>Each, .70</i>	
Garden, 3 bows, extra heavy, bent.....	<i>Each, 1.25</i>	

WOOD LAWN RAKES

	Wood Bows	Steel Wire Bows
Hand made, 3 bows, black label, bent and varnished, 28 teeth.....	<i>Each, \$1.25</i>	<i>\$1.30</i>
Regular, 3 bows, red label, bent and varnished, 28 teeth.....	<i>Each, 1.15</i>	<i>1.20</i>

(For Steel Rakes see page 167)

ADRIANCE PLYMOUTH BINDER TWINE

The Plymouth Cordage Co., who are the manufacturers of the Binding Twine we use, call attention to the quality of the raw material used in Plymouth goods. In no department of their business is the skill and experience of their experts brought to bear more strongly and effectively than in the selection of their fibre. This is followed up by most searching examination of all fibre delivered at their works, and any which does not come up to the Plymouth standard is promptly rejected.

Packed in sacks containing ten 5-lb. balls. Each ball contains the "Sheaf Trade-Mark," Adriance Plymouth Binding Twine. Be sure to get it. Price on application.



"Breck's No. 70"

GRASS HOOKS

Finest quality tool steel, strongest and lightest hook known. Fully warranted, full polished.

Breck's No. 70 Grass Hooks. *Each, \$0.50*

No. 33. Village Blacksmith Perfect. *Each, \$0.75*

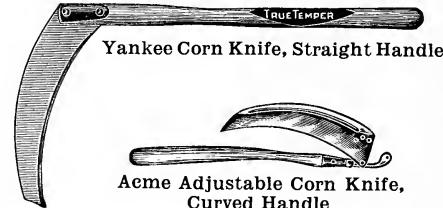
No. 4. Village Blacksmith Cemetery Hook. *Each, \$0.50*

Nolin No. 3 Concave, full polished. *Each, \$0.85*

American No. 7 Assorted sizes, good quality. *Each, \$0.40*

Gem Adjustable. *Each, \$0.75*

SPRING STEEL CORN HOOKS



Yankee Corn Knife, Straight Handle



Acme Adjustable Corn Knife, Curved Handle

These goods are honestly made from the best quality of spring steel, hang nicely in the hand, and will do their work with ease and rapidity.

"Acme" Adjustable, curved handles. *Each, \$0.65*

Yankee Corn, straight handles. *Each, .45*

LIGHTNING HAY KNIFE



Very effective in cutting down hay, in mow, stack, or bale; also largely used for ensilage, dry corn fodder, cutting turf on cranberry bogs, etc. *Each, \$2.00*

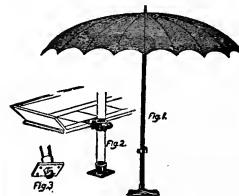
BRECK'S IMPROVED HAY CAPS

Brown and white, medicated, complete with ropes and pins. *Each, \$1.50. Per 100, \$125.00*

FLAILS

Made from selected quality hickory. *Each, \$1.25*

WAGON UMBRELLAS



Our Wagon Umbrellas have extra heavy frames made of $\frac{1}{8}$ inch tempered steel ribs of our hook pattern, with ring notcher. Size 38 inch, 10 rib frame. Fixtures are best malleable. Our patent socket and seat fixtures are the only fixtures that hold a wagon umbrella solid.

70 inch spread, 10 ribs, heavy XXX No. 1 green drills *Each, \$5.00*

Price includes socket and seat fixtures complete.

NOVA SCOTIA MOUNTED GRINDSTONE
Hard Wood Frames



Only the most carefully selected Bay de Chaleur Stones are used.
Best quality hardwood frames.

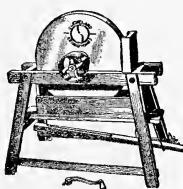
Diameter		Thickness of Stone		
		2 in.	3 in.	4 in.
20 inches	Each, \$16.00	\$19.00		
22 inches	Each, 17.25	20.50	24.50	
24 inches	Each, 18.50	22.50	27.00	
26 inches	Each, 20.25	25.00	30.25	
28 inches	Each, 22.00	27.75	33.75	
30 inches	Each, 23.50	30.75	37.00	
32 inches	Each, 27.75	34.25	42.00	
34 inches	Each, 29.00	37.00	46.00	
36 inches	Each, 31.00	41.00	50.00	

PLAIN NOVA SCOTIA GRINDSTONE

Selected Bay de Chaleur Stones

When ordering be sure to state the work for which the stone is desired. With this information we can select a grit suitable for the purpose. Per pound. \$0.12

WESTERN MOUNTED GRINDSTONES



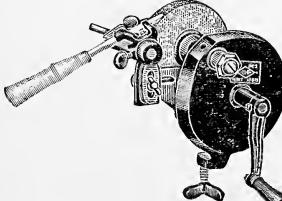
Sterling

Sterling, for foot power. Each, \$17.00
Farmers' Special, for engine power. Each, 30.00

GRINDSTONE FIXTURES

Japanned. Extra heavy. Polished shafts. Turned rollers.
No. 50. 24 inch for Stone 2 $\frac{1}{4}$ to 5 inch. Each, \$2.35
No. 51. 19 inch for Stone 2 $\frac{1}{4}$ to 4 $\frac{3}{4}$ inch. Each, 1.90
No. 52. 17 inch for Stone 2 $\frac{1}{4}$ to 4 $\frac{1}{4}$ inch. Each, 1.70
No. 53. 15 inch for Stone 1 $\frac{1}{2}$ to 3 $\frac{1}{2}$ inch. Each, 1.60

LUTHER GRINDERS



Light and quiet running. Each grinder runs as though mounted on ballbearings. Simple in design. Only grinder made with absolutely oil tight casing. All working parts inclosed. Every part is interchangeable. The general construction is powerful and pleasing in appearance. Lock screw adjustment nut for taking up slack and wear in spindle.

No. D4. Dimo Grit 4 \times 1 in. Household Grinder. Each, \$6.00
No. D5. Dimo Grit 5 \times 1 in. Tool Chest Grinder. Each, 7.00
No. D6. Dimo Grit 6 \times 1 in. Repair Shops Grinder. Each, 9.00
No. 82C. Dimo Grit Mowing Machines Grinder. Each, 6.00
No. 86. Dimo Grit Sickle Grinder. Each, 10.00

SAMSON MOUNTED GRINDSTONES

Best quality selected Western Stones. Strong, durable frames.
No. 1. Size, 100 to 110 lbs. Each, \$14.00
No. 2. Size, 70 to 80 lbs. Each, 12.50
No. 3. Size, 40 to 50 lbs. Each, 11.00

SCYTHE STONES



Black Diamond

Packed in $\frac{1}{4}$ gross slide cover boxes. A finer gritted stone than the Indian Pond. Flat octagon shape. Each, \$0.20

Willoughby Lake

Packed in $\frac{1}{4}$ gross slide cover boxes. Each, \$0.15

Indian Pond, Red End

Packed in $\frac{1}{4}$ gross boxes. A very sharp grit. Will not glaze. Requires no water. Each, \$0.10

Genuine Manchester

Packed in $\frac{1}{4}$ gross boxes. A celebrated coarse grit. Square shape. Each, \$0.20

Genuine Silver Grit

Packed in $\frac{1}{4}$ gross boxes. Same grit as the Manchester Stone. Oval shape. Each, \$0.20

Imported English Round

An old well-known stone. Packed in boxes as ordered. English Round. Each, \$0.40

English Pattern, Round

Packed in boxes of 25 stones each. Each, \$0.30

Carborundum Niagara Stones



No. 57. For Mowing Machine Knives. \$1.00
No. 190. 10 in. long.25
No. 191. 12 in. long.30
No. 192. 10 in. long, heavy.30

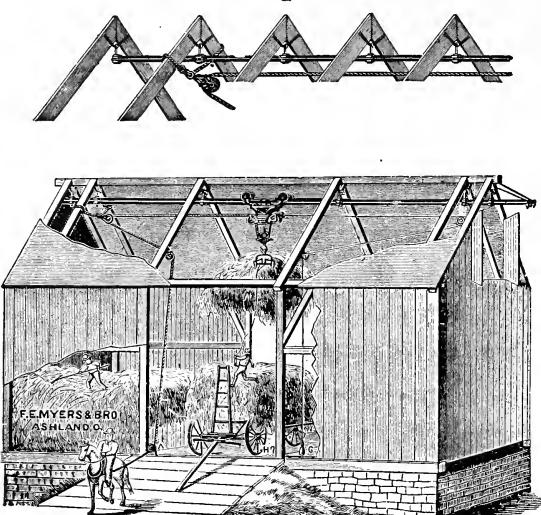
SCYTHE RIFLES



Carborundum Niagara Rifles

The fastest cutting and most durable Scythe Rifle known.
No. 74. 14 in. long, 1 $\frac{1}{2}$ in. wide. Each, \$0.40
No. 75. 14 in. long, 1 $\frac{3}{4}$ in. wide. Each, .35

HAY CARRIER OUTFITS



Material Required for a Steel Track Outfit for Different Length Barns

For a 40 Foot Barn:—One Reversible Carrier. 36 feet Steel Track. 19 Hanging Hooks. 19 Rafter Brackets. 5 Knot Passing Pulleys. 1 Fork. 6 Floor Hooks. 110 feet $\frac{3}{4}$ inch Manila Rope. 50 feet $\frac{3}{8}$ inch Check Rope. 40 feet $\frac{3}{8}$ inch Reverse Rope.

For a 50 Foot Barn:—One Reversible Carrier. 48 feet Steel Track. 25 Hanging Hooks. 25 Rafter Brackets. 5 Knot Passing Pulleys. 6 Floor Hooks. 130 feet $\frac{3}{4}$ inch Manila Rope. 55 feet $\frac{3}{8}$ inch Check Rope. 50 feet $\frac{3}{8}$ inch Reverse Rope.

For a 60 Foot Barn:—One Reversible Carrier. 54 feet Steel Track. 28 Hanging Hooks. 28 Rafter Brackets. 5 Knot Passing Pulleys. 6 Floor Hooks. 160 feet $\frac{3}{4}$ inch Manila Rope. 60 feet $\frac{3}{8}$ inch Check Rope. 60 feet $\frac{3}{8}$ inch Reverse Rope.

For a 70 Foot Barn:—One Carrier. 66 feet of Track. 34 Hanging Hooks. $3\frac{1}{2}$ lbs. Bracket Nails. 5 Fig. 1120 Pulleys. 1 Fork. 6 Floor Hooks. 190 feet $\frac{3}{4}$ inch Draft Rope. 70 feet $\frac{3}{8}$ inch Check Rope. 70 feet $\frac{3}{8}$ inch Reverse Rope.

For an 80 Foot Barn:—One Carrier. 78 feet of Track. 40 Hanging Hooks. 40 Rafter Brackets. 4 lbs. Bracket Nails. 5 Fig. 1120 Pulleys. 1 Fork. 6 Floor Hooks. 210 feet $\frac{3}{4}$ Draft Rope. 80 feet $\frac{3}{8}$ inch Check Rope. 80 feet $\frac{3}{8}$ inch Reverse Rope.

Different lengths of barns will use track, hanging hooks, and rope in same ratio as above.

If required to take hay in at end of barn and have rope pass down at far end to horse, same amount of draft rope. If draft rope be returned to same end of barn and then down, this requires about one-fourth more draft rope.

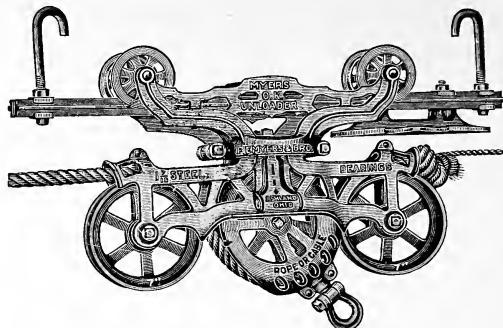
How to Reverse Carrier:—Set fork in hay. Tie ends of rope together, to which horse and weight are attached. Pull on small rope until knot comes to the floor, then untie ropes. Fasten weight G on small rope, change pulley A to floor Hook H. This reverses carrier for opposite direction without leaving the floor or climbing up. Use all knot passing pulleys. For taking in hay at end of barn use V-shaped brace for track support, as shown in cut.

FORK PULLEYS

Not illustrated. Each, \$1.50

MYERS' O. K. HAY CARRIER FOR WOOD TRACK

Where a wood track is used this carrier will give perfect satisfaction. Each, \$12.50



MYERS' O. K. HAY CARRIER FOR STEEL TRACK

The O. K. Unloader is made of malleable iron throughout. Is heavy and substantially made. It is fitted with wide open mouth to receive the fork pulley when approaching in any direction. Also has swinging fork pulley, which relieves the carrier from all strain when drawing hay over a high beam or into a well-filled mow. The lock is composed of three parts, and has no springs. The locking device grasps the fork pulley on either side and permits it to swing free. Each, \$12.50

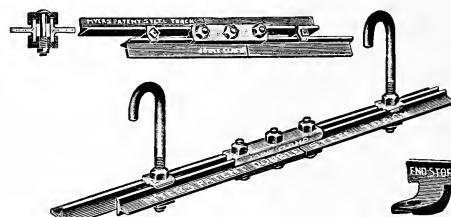


Fig. 824.

Fig. 1042.

MYERS' PATENT DOUBLE STEEL TRACK

Fig. 824. Patent Double Steel Track is made by placing two T steel rails together, held to place by the clamps and hanging hooks, with space between so the hanging hook can be placed where it coincides with rafter, thus making it a very convenient track to put up. A wrench is all the tool needed. Per foot, \$0.26

MYERS' END STOP FOR STEEL TRACK

Fig. 1042. Each, \$0.15
Knocker for Steel Track. Not illustrated. Each, \$0.80
Splicing Clamp for Steel Track. Not illustrated. Each, \$0.55

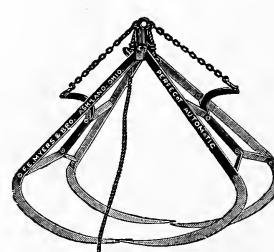


Fig. 1351.

MYERS' PERFECT AUTOMATIC GRAPPLE FORKS

Fig. 1351. When the Perfect Automatic Fork is returned to the load the lock is already set so that the only thing necessary to do is for the operator to pick it up and place it in the hay as desired, when he is ready for the next draft.

Four Tine. Each, \$12.50
Six Tine. Each, 14.50

HAY CARRIER OUTFITS (Continued)



Fig. 268



Fig. 451



Fig. 1133



Fig. 1120



Fig. 266

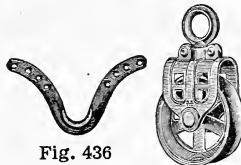


Fig. 436

Fig. 692

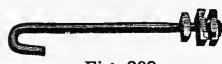


Fig. 302



Fig. 376

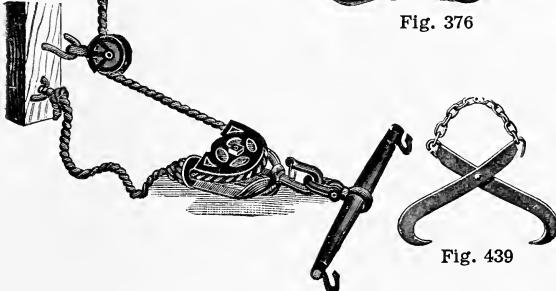


Fig. 628

Harris Double Harpoon Forks

Fig. 451. Regular 25 in. Tine.....Each, \$2.75
Fig. 268. Extra length 31 in. Tine.....Each, 3.00

Myers' O. K. Plain Pulley

Fig. 1133.....Each, \$0.65

Myers' O. K. Knot Passing Pulley

Fig. 1120.....Each, \$0.80

Myers' Cast Iron Pulley

Fig. 692.....Each, \$0.65

Floor Hook

Fig. 266. 3/4×8 in.....Each, \$0.20

Steel Track Hanging Hook

Fig. 302. For hanging Myers Double Steel Track to Rafter Brackets.....Per doz., \$0.20

Wood Track Jointed Hanging Hook

Fig. 303. Not illustrated. Length, 10 inches from eye to end of rod.....Each, \$0.25

Wood Track Hanging Hook

Fig. 267. Not illustrated. The 10 inch Hook is used with Fig. 436, Rafter Bracket.....Each, \$0.15

Rafter Bracket

Fig. 436.....Each, \$0.06

Myers' Patent Rope Hitch

Fig. 376. This is wanted by every farmer who uses a hay fork. No more hard knots to untie nor wasting of rope by cutting it open.....Each, \$0.40

Rafter Grapple

Fig. 439. Made of best spring steel. Opens 8 inches to attach to beam.....Each, \$1.25

Myers' Snatch Block

Fig. 628. This device shortens the distance the horse travels without reducing the elevating power.....Each, \$1.35

FLINTKOTE ROOFING PRODUCTS

Shingles, Roll Roofing, Etc.

Note: A square is sufficient material to cover 100 square feet of roof surface, with all necessary overlap, when laid according to our directions.

Approximate Weight, lbs.	Dimensions	Prices per square unless noted
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REX FLINTKOTE STRIP

SHINGLES, Red, Green
Blue Black.

Standard 10 in. Standard Weight.....	sq. 195	10"×32"	\$8.00
12 1/2" Strip Shingles, Red, Green, Blue Black.....	sq. 245	12 1/2"×32"	9.50
Giant Strip Shingles, Red, Green, Blue Black.....	sq. 240	12"×32"	10.50

REX FLINTKOTE SHINGLES (Individual)

Standard Weight, Red, Green, Blue Black.....	sq. 235	8"×12 1/2"	9.00
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FLINTKOTE SLATE SURFACED ROOFING

Standard Weight, Red, Green, Blue Black.....	sq. 85	36" w.	3.25
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FLINTKOTE SHINGLE ROLL ROOFING Red and Green.....

sq. 90	36" w.	4.80
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FLINTKOTE STALWART ROOFING

Medium Weight. (With Ideal Roofing Nails)...	sq. 50	36" w.	3.10
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Heavy Weight. (With Ideal Roofing Nails)...	sq. 60	36" w.	3.75
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STEADFAST ROOFING

Medium Weight.....	sq. 45	36" w.	2.50
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Heavy Weight.....	sq. 55	36" w.	3.00
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GUARDIAN ROOFING

Light Weight.....	sq. 35	36" w.	1.60
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Medium Weight.....	sq. 45	36" w.	2.00
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Heavy Weight.....	sq. 55	36" w.	2.50
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FLINTKOTE BLACK WATERPROOF PAPER

Saturated and Coated. roll 50	36"-500 sq. ft. roll	\$4.00
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Saturated and Coated. roll 35	36"-500 sq. ft. roll	3.00
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FLINTKOTE K-B SHEATHING PAPER

roll 25		
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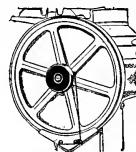
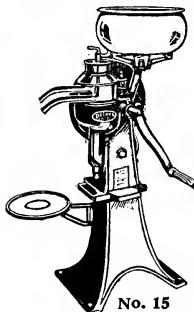
Red both sides, Asphalt

Center.....	sold on 36"-500 sq. ft. ton	90.00
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ton basis

Genuine Peach Bottom Permanent Blue-Black Slate crushes into flat particles like fish scales, consequently Flintkote Blue-Black Slate Surfaced Products are more securely and thoroughly covered than products surfaced with Red or Green even though they carry a lesser quantity of slate by weight. Owing to this variation in weight in mineral surfacing, Flintkote Blue-Black Products may weigh somewhat less than other colors though they have the same base in felt and asphalt saturation and coating as red and green.

THE NEW DE LAVAL CREAM SEPARATORS



Bell Speed Indicator

Every New De Laval is equipped with a Bell Speed Indicator, the "Warning Signal" which insures proper speed and uniform cream.

No.	Actual Capacity	Each
7.	200 lbs.	\$60.00
8.	225 lbs.	75.00
10.	350 lbs.	80.00
12.	500 lbs.	90.00
15.	750 lbs.	110.00
17.	1000 lbs.	125.00
19.	750 lbs. (new Steam Turbine).	160.00
20.	1000 lbs. (new Steam Turbine).	175.00
22.	1350 lbs.	200.00
25.	1350 lbs. (new Steam Turbine).	260.00

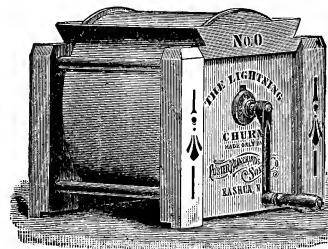
(Complete descriptive lists mailed on application)

DE LAVAL SEPARATOR OIL

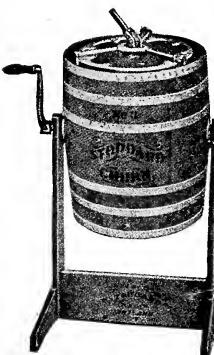
This is put up for us by the manufacturers of the De Laval Separators. It is made expressly for these machines, in fact nothing else should be used.

4 qt. cans.....Each, \$1.25 2 qt. cans.....Each, \$.85

THE LIGHTNING CHURN



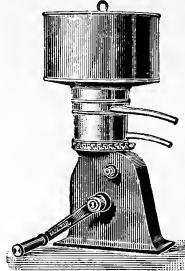
No. 2. Will churn 4 gals.....Each, \$8.25
No. 3. Will churn 5 gals.....Each, 9.25



STODDARD BARREL CHURNS

Dairy Sizes

No. Capacity	Churns	Each
1. 10 gal.	1-4 gal. cream	\$24.00
2. 15 gal.	2-7 gal. cream	27.00
3. 20 gal.	1-9 gal. cream	30.00
4. 25 gal.	4-12 gal. cream	39.00
5. 35 gal.	5-16 gal. cream	45.00



Favourite Separator



Superior Sanitary Churn

"FAVOURITE" CREAM SEPARATORS

Made in Stockholm, Sweden; especially designed for the small milk producer and for family use. Only 70 R. P. M. are necessary. At this speed it skims evenly and with great ease, and can be regulated so that a percentage of cream (say 15%) may be obtained. Complete Instruction Manual sent with each Separator.

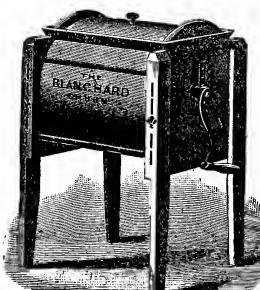
No. 1. "Favourite," about 40 qts. per hr.....Each, \$27.50
No. 2. "Favourite," about 60 qts. per hr.....Each, 34.50

SUPERIOR SANITARY CHURNS

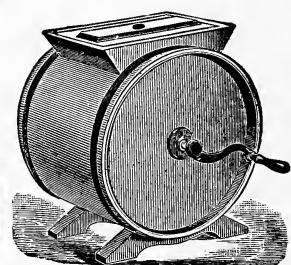
These churns are made with the idea of furnishing the butter maker with a churn that will not absorb any moisture whatever, making them absolutely sanitary. They are very easy to operate. Can be washed and dried very quickly and kept as clean as glassware. The Barrel is of the finest glazed stoneware, will not absorb injurious matter, and has no parts difficult to clean. The Cover is of clear annealed glass one-half inch thick, which can retain nothing injurious. The Sealing Ring is rubber, three-eighths inch thick, non-absorbent and easily removed for washing purposes. The Clamping and Operating Mechanism is simple and very practical.

8 gallons.....Each, \$16.50 15 gallons.....Each, \$23.00
10 gallons.....Each, 17.50 20 gallons.....Each, 27.50
12 gallons.....Each, 18.75

Can be furnished to run with engine or electric power, prices and descriptive circulars on application.



Blanchard Churn



Cylinder Churn

BLANCHARD CHURN

No. 4. Will churn up to 4 gal. of cream.....Each, \$14.00
No. 5. Will churn up to 8 gal. of cream.....Each, 16.00
No. 6. Will churn up to 12 gal. of cream.....Each, 20.00
No. 7. Will churn up to 16 gal. of cream. This size has crank on each end.....Each, 24.00

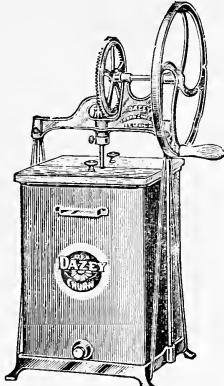
CYLINDER CHURN

No. 0. 1 3/4 gals.....Each, \$4.75 No. 3. 7 gals.....Each, \$7.25
No. 1. 2 3/4 gals.....Each, 5.25 No. 4. 10 1/2 gals.....Each, 8.25
No. 2. 4 gals.....Each, 6.25

DAZEY CHURNS



Dazey Glass Churn



Dazey Metal Churn

The Dazey cannot be compared with any other churn, because there is such an immense difference. It is not an imitation; it is an entirely new departure in churn making. It is better. Any churn will agitate and make butter, but the Dazey is the only one that produces butter in its natural condition. Descriptive circulars mailed on application.

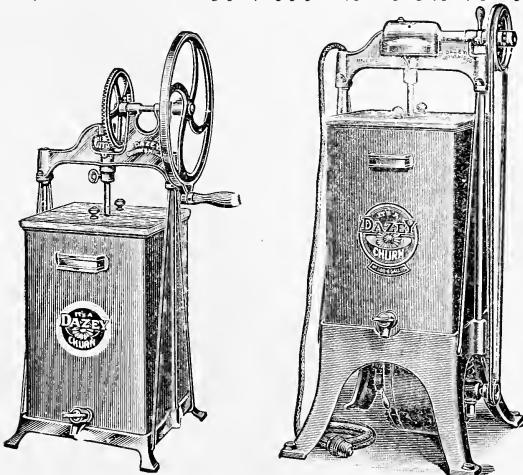
For Hand Power: Nos. 20 to 1800. Motor Driven: Nos. 450M, 650M, 1050M.

Dazey Glass Churns

	Nos. 20	30	40		Each
Capacity, pints.....	4	6	8		
Churning capacity, pints.....	2	4	5		
Weight, each.....	5	6	7		
Price, each.....	\$1.50	\$2.00	\$2.50		

Dazey Metal Churns

	Nos. 100	200	300	400	600	1000	1600	2800		Each
Capacity, gals.....	1	2	3	4	6	10	16	28		
Churning cap., gal.....	½	1	1½	2	3	5	10	13		
Weight, each crated.....	10	14	21	26	35	58	100	200		
Price, each.....	\$3.50	4.25	5.50	6.75	8.25	13.75	27.50	65.00		

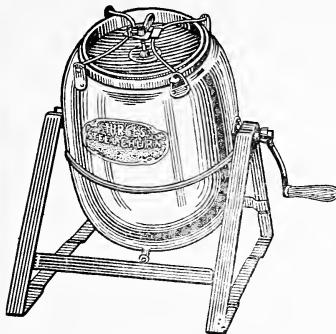


DAZEY ELECTRIC CHURN

	Nos. 450M	650M	1050M		Each
Capacity gals.....	4	6	10		
Churning capacity gals.....	2	3	5		
Weight, each, crated lbs.....	70	80	100		
Each.....	\$45.00	\$50.00	\$60.00		

Motor: Motors of 110 and 220 volt, 60 cycle, single phase, alternating current, also 32 and 110 volt, direct current, compound wound are furnished as standard equipment at regular prices. Special motors can be supplied at an extra charge.

Current and Voltage: When ordering Electric Churns, for alternating current, be sure to specify the voltage, cycles and phase; for direct current, specify voltage only.



THE STURGIS STEEL CHURN

Sanitary — Easy to clean. They are steel, not a piece of wood about them, except the crank handle. Being steel they will not absorb moisture, so cannot become soaked. No seams to open up nor hoops to drop off in the sun.

No.		Each
1.	5 gal., churns $\frac{1}{2}$ to $2\frac{1}{2}$ gals.....	\$ 9.50
2.	7 gal., churns 1 to $3\frac{1}{2}$ gals.....	12.00
3.	10 gals., churns 1 to 5 gals.....	13.50
4.	15 gal., churns 1 to $7\frac{1}{2}$ gals.....	16.00
4½.	15 gal., churns 1 to $7\frac{1}{2}$ gals., tight and loose pulleys.	18.00



IMPROVED BABCOCK MILK TESTER

The best apparatus on the market with which to use Dr. Babcock's test for determining the butter-fat in skim milk, butter-milk, whole milk, and cream.

Has latest Improved Cast Iron Body and Cover, Removable Malleable Iron Bottle Head, Seamless Brass Swinging Pockets and Ball Bearings. The gears are cut out of solid metal, making them almost noiseless in operation. It is accurate, efficient, simple, and durable. Outfit consists of a full set of regular Babcock milk bottles, pipettes, acid measures, acid sufficient for 50 to 100 tests, and directions for manipulating. Send for Fully Illustrated Special Babcock Tester Pamphlet.

4 Bottle Tester with complete outfit.....	Each, \$20.25
6 Bottle Tester with complete outfit.....	Each, 21.00
8 Bottle Tester with complete outfit.....	Each, 22.50
10 Bottle Tester with complete outfit.....	Each, 24.00
12 Bottle Tester with complete outfit	Each, 25.50

MIXING TANKS

Made from best quality XXXX stock; band at top and bottom and reinforced bottom. Strainer cloth held in position by tin band or hoop. Detachable faucet, size, 1 in. Prices complete.

Caution: Remove plug from faucet in cold weather to prevent freezing.

6 Can, 14 gals... Each, \$16.50 10 Can, 22 gals. Each, \$20.00
8 Can, 18 gals... Each, 18.25 12 Can, 26 gals. Each, 22.00

Larger sizes furnished promptly; price on application.

DAIRY MILK RECORD SHEETS

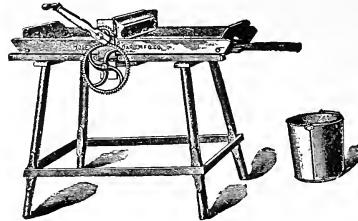
Printed on extra quality heavy manila stock. Ruling provides for thirteen cows for 31 days. Per sheet..... Each, \$0.15

BUTTER COLOUR, HANSEN'S DANISH

Famous the world over and used wherever it is desired to impart the "golden tinge of June" to butter at all seasons of the year.

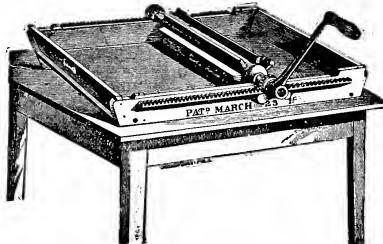
Bottle, sufficient to colour 500 lbs. of butter, 25¢; for 1,200 lbs., 50¢; for 2,500 lbs., \$1.00.

THE WATERS BUTTER WORKERS

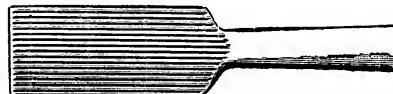
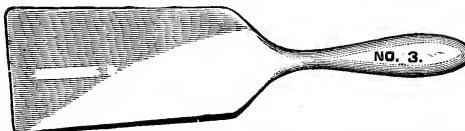


Length of Tray		Width of Tray	Capacity	No. of Cows	Each
0	27 in.	14 in.	1 to 15 lbs.	1 to 4	\$25.50
1	36 in.	15 in.	5 to 30 lbs.	4 to 8	27.00
2	36 in.	18 in.	5 to 40 lbs.	8 to 12	28.50
3	39 in.	20 in.	5 to 50 lbs.	12 to 18	29.25
4	48 in.	22 in.	10 to 75 lbs.	18 to 30	30.00

REID'S PATENT BUTTER WORKER



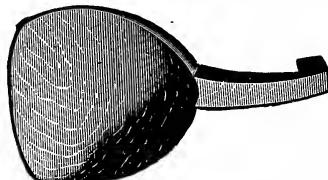
No.	Size	Capacity	Weight	Each
1	23X36 in.	2½ in. deep	50 lbs.	45 lbs. \$25.00
2	20X36 in.	2½ in. deep	30 lbs.	29 lbs. 22.00
3	17X27 in.	2½ in. deep	20 lbs.	25 lbs. 19.00
4	14X23 in.	2½ in. deep	10 lbs.	20 lbs. 16.00



BUTTER SPADES

Grooved.....	Each, \$0.10
Plain.....	Each, .10

BUTTER LADLE



Each.....	\$0.25
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PARCHMENT BUTTER PAPER

This paper is purely vegetable in its composition and therefore superior for wrapping ball or print butter. Being thoroughly impervious to air, oil, or water, it protects the butter much better than muslin. It should be wet in pure cold water before using. We have adopted the "30 lbs." weight as standard and fill all orders with this thickness, and of *first quality only*, which will be found the most satisfactory and in the end the cheapest. We carry the following sizes in stock but can furnish promptly any other size wanted.

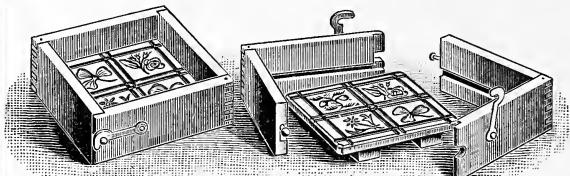
8X9 in., 1000 sheets in box for ½ lb. print.....	Per box, \$4.00
8X11 in., 1000 sheets in box for 1 lb. bricks.....	Per box, 4.50
9X13 in., 1000 sheets in box for 1 lb. all shapes.....	Per box, 4.80

BUTTER MOULDS

1 Oz. Round,.....	Each, \$0.06
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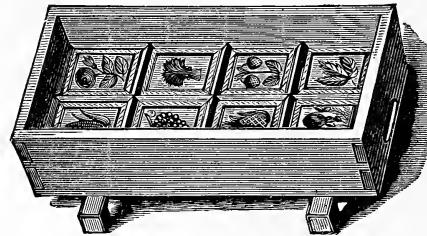


STYLE B BUTTER PRINTS



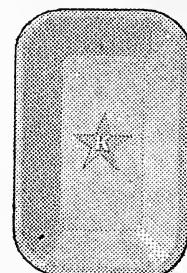
½ lb., two ¼ lb. prints, machine stamp prints..... Each, \$0.95
 1 lb., four ¼ lb. prints, machine stamp prints..... Each, 1.10
 2 lb., eight ¼ lb. prints, machine stamp prints..... Each, 1.70
 Add for postage ½ lb. 7 cents; 1 lb. 13 cents.

COMBINATION BUTTER PRINT



No. of Print	No. of Cakes at each Impression.	Capacity of Moulds in lbs.	Capacity of each Cake in ounces.	Dimensions of Moulds in ins.	Dimensions of each Cake	Each
1	3	1½	8	10 X 3 1/3	3 1/2 X 3 1/2	\$7.50
2	4	2	8	11 X 3 3/4	3 3/4 X 2 3/4	8.25
3	4	2	8	12 X 3	3 X 3	8.25
4	4	1	4	4 1/2 X 5	2 1/4 X 2 1/2	7.50
5	4	1	4	10 X 2 1/2	2 1/2 X 2 1/2	8.25
6	8	2	4	10 X 4 1/2	2 1/4 X 2 1/2	9.35
7	6	1½	4	10 X 3 1/2	3 1/2 X 1 3/4	9.00
8	12	1½	2	12 X 4	2 X 2	9.35
9	16	1	1	10 X 3	1 1/4 X 1 1/2	9.35
10	24	1½	1	10 X 4	1 1/4 X 1 1/2	11.25
12	8	4	8	11 X 5	2 3/4 X 2 1/2	9.35

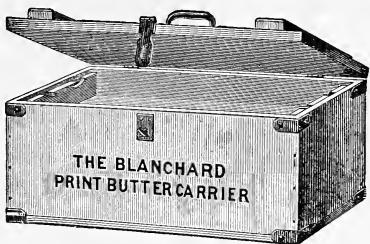
BUTTER DISHES



Pap-rus

1 lb. size, 500 in package.....	Per 1000 \$3.85
2 lb. size, 500 in package.....	Per 1000, 4.25
3 lb. size, 500 in package.....	Per 1000, 5.15

PRINT BUTTER CARRIERS



"Junior" Pattern

No. 6½, capacity 12 lbs.	Each, \$4.20
No. 7, capacity 16 lbs.	Each, 4.85
No. 8, capacity 24 lbs.	Each, 5.50
No. 9, capacity, 32 lbs.	Each, 6.20
No. 10, capacity 40 lbs.	Each, 6.95
No. 11, capacity 48 lbs.	Each, 8.25

"Junior" Carriers will be fitted with galvanized iron ice boxes to fit in end of carrier and bottom trays $4\frac{1}{2}$ inches shorter than above, for \$1.65 each extra. All carriers neatly stencilled with name of Creamery or Dairy without extra charge, when ordered in lots of six or more.

MILK and CREAM COOLER-AERATOR

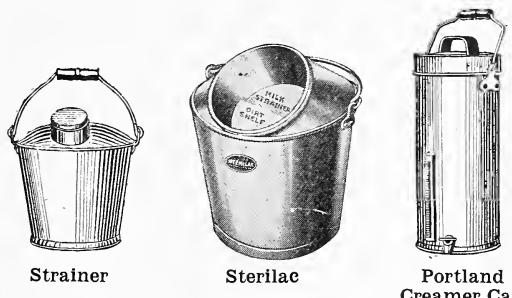
Equally well adapted to the use of any cooling medium, either running water, ice water, or if a very low temperature is not required, ordinary well or spring water.

Special Claims. It is a perfect aerator, removing all flavours arising from excessive cabbage, turnip, or silo rations. It is a complete deodorizer—removing the animal heat or cowy taste and all odours arising from the absorption by the milk of stable or other unpleasant gases. It is a thorough cooler—reducing the temperature of the milk in one minute nearly to the temperature of the cooling medium.



Milk or Cream Water	Receiver	Water Receiver	10 to 25 cows	3 Each, \$12.50
2	4½ gal.	12 gal.	25 to 50 cows	5 Each, 15.00
3	5½ gal.	20 gal.	50 to 100 cows	8 Each, 18.75
4	11½ gal.	28 gal.		

SANITARY DAIRY PAILS and CREAMER CANS



Strainer

Sterilac

Portland Creamer Can

Extra heavy best quality stock only

	Each
Dairy Pail, 12 qt.	\$0.90
Dairy Pail, 14 qt.	1.00
Strainer Pail, 12 qt., heavy.	2.00
Strainer, Pail, 12 qt., No. 512, light.	1.50
Cooley Creamer Can, 18 qt.	8.00
Cooley Creamer Can, 9 qt.	8.00
Portland Creamer Can, 18 qt.	3.00

STERILAC SANITARY MILK PAIL

The Sterilac Pail has the endorsement of the most progressive dairymen of the country, as well as Health Board officials and physicians. There is absolutely no other way at so small a cost effectively to prevent complaints of retail customers, creameries, or milk depots, or to obtain their confidence.

The pail is made of heavy material with the best of workmanship. All joints are fully flushed with solder and consequently the pail is easy to keep clean. Besides doing superior work it will outlive three ordinary pails. *Each, \$4.00.*



SANITARY MILKING STOOLS

The Sanitary Milking Stools fill a long-felt want for a light, convenient, and durable milking stool. They are constructed entirely of iron, with 3 legs, finely enameled in white, strictly sanitary and practically indestructible. *Each, \$1.50.*

BOSTON PATTERN MILK CANS

Size 8 Quarts

Grade No. 1 Steel Hoop, made from best quality XXXXX stock. Heavy Steel Hoop at top and bottom. Extra Heavy Bottom and reinforced neck. Especially adapted to railroad use. Size of neck $3\frac{1}{4}$ in. Marked with Plate or one Letter. Extra Letters three cents each. Lock and Key, additional. *Prices on application.*



MILK SCALES

We furnish these scales with the adjustable indicators so that they may be set back any number of pounds to balance the weight of a pail, and the indicator will stand at when the pail is hung on the balance. These scales are warranted accurate and will pass the severest of weights and measures.

No. 68. M. D., Capacity, 30 lbs. by tenths	
Each	\$7.50

FLINT GLASS MILK BOTTLES

Packed in half-gross boxes

We can letter bottles with your name, etc., blown in the glass, on orders for not less than two gross of a size. Lettered plates cost \$3.00 each size on the first order. After plate is made it will last for years. Lettered bottles cost the same as plain. All our bottles are lettered on one side: "This Bottle to be Washed and Returned." The majority of your customers will wash the bottles before returning them. All orders filled with latest pattern Round Bottom Bottles unless otherwise specified.

Seal Finish Milk Bottles

Half Pints.....	Per doz., \$0.60
Pints.....	Per doz., .70
Quarts.....	Per doz., .90

Prices in quantities of one gross or more, on application.

SEALRIGHT MILK BOTTLE CAPS

Made from the Famous Fulton Board

	Per 1000
No. 2. $1\frac{1}{2}^{\text{1/16}}$ " diameter barrel lots, 50,000 caps.....	\$0.50
No. 2. $1\frac{1}{2}^{\text{1/2}}$ " diameter cartons, 1000 caps.....	.60
No. 1. $1\frac{1}{8}$ " diameter, add to above prices.....	.04

Your Special Designs and Printing, price on application.

SEALRIGHT "POURING PULL" MILK BOTTLE CAPS

No. 2 $1\frac{1}{2}^{\text{1/16}}$ " diameter..... Per carton of 1000 \$0.75

Your Special Designs and Printing, price on application.

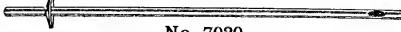
VETERINARY SUPPLIES



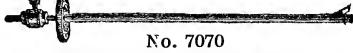
No. 7040



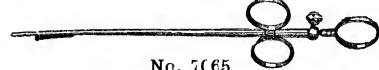
No. 7025



No. 7020



No. 7070



No. 7065



No. 6525



No. 7058



No. 12V.

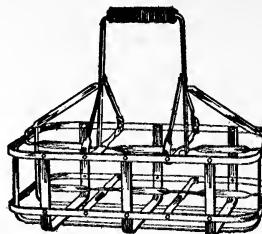


No. 345B.

No.	Each
7040. Teat Dilators or Plugs.....	\$0.25
7025. Self Retaining Milk Tube, nickel plated.....	.25
7020. Plain Milk Tube, nickel plated.....	.20
7070. Wigmore's Plain Teat Slitter.....	1.50
7065. Wigmore's Improved Three Ring Teat Slitter.....	2.50
6525. Bull Punch or Cattle Trocars.....	2.00
7058. Yale Milk Fever Outfit, complete with directions.....	3.75
12V. Dose Syringe.....	1.75
345B. Veterinary Thermometer with Safety Chain.....	2.25

For Cattle Remedies see pages 276-278.

WIRE MILK BOTTLE BASKETS



These baskets will be found a great convenience in delivering milk and cream put up in glass bottles. The percent of breakage will be greatly reduced and much less time will be taken for delivery. The baskets are strongly made and with proper care should last almost indefinitely.

They are made in the following patterns, viz.:

No. A. Capacity, 6 one-quart bottles.....	Each, \$2.50
No. A. Capacity, 8 one-quart bottles.....	Each, \$3.25

HOUSEHOLD and DAIRY THERMOMETERS



Fig. 8



Fig. 2



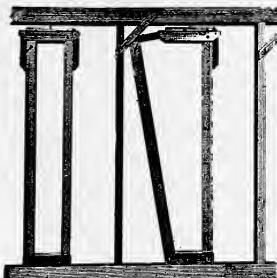
Fig. 3



Fig. 4

The Thermometers, Barometers, etc., shown on this page are instruments of extreme precision, and are not to be confounded with cheap, unreliable goods usually offered. We guarantee their accuracy for either household or dairy purposes.

Fig. 2. Standard Tin Case Thermometer	
8 in., Each, \$1.65; 10 in., Each, \$1.90; 12 in., Each, \$2.15.	
Fig. 8. Brass Case Aneroid Barometers.	Price on application.
Fig. 9. Hot-Bed Thermometers	
Registering to 180° and over.....	Each, \$2.00
Fig. 3. Sixo's Self-Registering Thermometer	
Maximum and minimum, i.e., showing the extremes of heat and cold accurately.....	Each, \$6.25
Fig. 4. Floating Dairy Thermometer	
Guaranteed accurate.....	Each, \$0.25
No. 303. Miscellaneous Thermometers	
8 in. selected Tin Case.....	Each, \$1.00
No. 26. Wood back, 5 in.....	Each, .25
No. 394. Mahogany back.....	Each, 1.25
No. 385H. Window.....	Each, .50
No. 62. Window. Round, 8 inch.....	Each, 1.00
No. 5008. Window. Flat, 8 inch.....	Each, 1.50



Improved Swing Stanchion

BRECK'S IMPROVED SWING STANCHION

This Stanchion gives as perfect freedom to cattle as it is possible to have and have them fastened at all. The cattle when standing can lap themselves as when loose, and when lying down they can rest the head upon the body as when in pasture.

There is no friction on the neck, as the Stanchion turns with the head. It keeps them as clean as the firm Stanchion and there is no possible way they can get hurt; neither can they get to the right or left to gore each other.

The cattle cannot waste their feed, and do much better than when tied with any other Stanchion. No getting choked or getting unfastened.

Thousands are in use. Every dairyman who has used them approves them and adopts them exclusively.

For cows, *Each*, \$2.75. For Bulls, *Each*, \$3.85.

PORTER SANITARY STEEL STANCHION

The finest steel stanchion made. Each one has an absolutely Cow Proof Lock. No cow can open these stanchions.

No. 20. Tubular, complete, with holders.....*Each*, \$4.50
No. 14. U-Bar Wood Lined, with holders.....*Each*, 5.00

PERFECT COW TAIL HOLDER

The only practical device which will absolutely prevent a cow from switching her tail during milking. Its very simplicity commends it to every dairy man. Try it and you will not milk without one for twenty times its cost. *Each, postpaid*..... \$0.10

THE ANTI-COW-KICKER

Save your temper, your cows, your milk. Does not excite the cow or disturb the flow of milk. It is indispensable for breaking heifers, cows with sore teats, or vicious kickers. Cannot wear out. Put on or off in 15 seconds. Guaranteed to be an absolutely perfect anti-kicker. May be put on loosely as hobble for cow, horse, or mule. Send for it today; when you need it you won't have time.....*Each, (2 lbs.)* \$1.25

SMALL'S IMPROVED CALF FEEDER

Designed for feeding milk to young calves in a natural way before they are old enough to eat and drink otherwise. It is to the calf what the nursing bottle is to the babe—a substitute for nature.

Each..... \$4.50
Extra Nipples, by mail, \$0.40 *each*;
4 Nipples for..... 1.50

Buckley's Patent
Watering DeviceHudson Q. D. Automatic
Cow Bowl**BUCKLEY'S PATENT WATERING DEVICE**

It has come to be regarded as a matter of necessity for the proper caring of stock, while in the stable, that they should have constant access to water of suitable temperature. By the use of the bowl the water is of same temperature as the stable, consequently they are never chilled by drinking ice-cold water, and no extra feed is required to raise the temperature to its normal condition. It therefore saves feed.

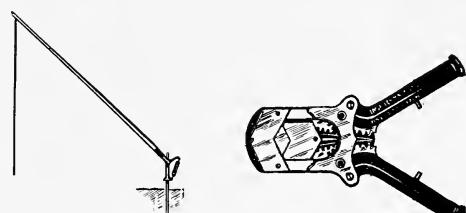
The above illustration shows the general application of this system, but a brief description will be necessary to demonstrate its importance, usefulness and simplicity. On application we shall mail descriptive catalogue with testimonials, etc.

No. 2. Stanchion Basin with Valve.....*Each*, \$3.50
Galvanized Supply Tank with Ball Valve.....*Each*, 11.00

HUDSON Q. D. AUTOMATIC COW BOWL

If you water cows outside during the winter, you pay for water bowls. Worse than that you pay for them over and over again. You pay for them by not getting the milk you would if you had them. You provide comfortable quarters for your cows, feed them well and take good care of them, but because you do not provide a means whereby they can get all the water they want when they want it, you are losing a great deal more every Winter than it would cost to install water bowls. Install water bowls of some kind before another Winter and if you want the best insist on having the "Hudson Q-D.".....*Each*, \$4.50

(Descriptive circulars mailed on application)



Wright's Animal Tether

Dehorning Clippers

WRIGHT'S PATENT ANIMAL TETHER

The above cut illustrates the uses and advantages of this invention which is designed to obviate the danger of horses and other animals becoming entangled in the rope with which they are fastened. It consists of a pole about ten feet in length, connected with an upright bar, upon which it turns in any direction. *Each*, \$6.00.

THE IMPROVED KEYSTONE DEHORNING CLIPPER

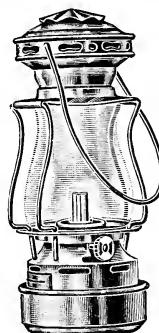
Dehorning is an improvement in the herd that is becoming very popular and spreading with great rapidity. This Clipper affords an easy, practical, and scientific method of removing the horns from cattle.

Clipper, leader and rope, extra blades and screws, fully warranted.....*Each*, \$22.00
Clipper alone.....*Each*, 20.00

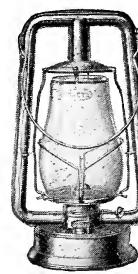
LANTERNS and LAMPS



Monarch



Sport



Hylo



Blizzard



De Lite



Buckeye

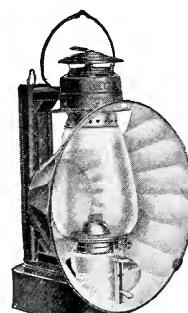
TUBULAR LANTERNS

Each

Monarch No. 0.	No. 1 Burner, $\frac{5}{8}$ in. wick.....	\$1.00
Royal No. 2.	No. 2 Burner, 1 in. wick.....	1.10
"Hylo" Improved.	No. 1 Burner, $\frac{5}{8}$ in. wick.....	1.00
Blizzard No. 2.	No. 2 Burner, 1 in. wick.....	1.50
Blizzard No. 2 with Brass Fount.....		2.25
Blizzard No. 2. With special large Fount.....		1.60
De Lite Short Globe.	No. 2 Burner, 1 in. wick.....	1.50
De Lite Short Globe. With Large Fount.....		1.60
Little Wizard.	No. 211 Burner, $\frac{5}{8}$ in. wick.....	1.10
Dietz Junior.	No. 1 Burner, $\frac{5}{8}$ in. wick.....	1.00
Sport.	No. 561 Burner, $\frac{5}{8}$ in. wick.....	.75
Buckeye Dash Lamp.	No. 1 Burner, $\frac{5}{8}$ in. wick.....	1.60
Junior Wagon Lamp.	No. 1 Burner, $\frac{5}{8}$ in. wick.....	1.90
Roadster Wagon Lamp.	No. 1 Burner, $\frac{5}{8}$ in. wick.....	2.00



Junior Driving Lamp

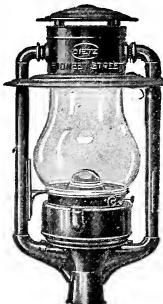


Beacon



"Octo" Driving Lamp

LANTERNS and LAMPS



Globe Street Lamp



Square Station Lamp



Standard Railroad



Globes

PLATFORM and STREET LAMPS

Each

Pioneer Street Lamp No. 3. No. 3 Burner $1\frac{1}{2}$ in. wick...	\$7.50
Pioneer Hanging Lamp No. 3. No. 3 Burner, $1\frac{1}{2}$ in. wick.....	8.50
Beacon Light No. 30. No. 1 Burner, 1 in. wick.....	3.15
Beacon Light No. 60. No. 3 Burner, $1\frac{1}{2}$ in. wick.....	9.00

TUBULAR DRIVING LAMPS

Union Driving Lamp. Plain Lens.....	4.25
Union Driving Lamp. Optical Lens.....	4.50
Octo Driving Lamp. Plain Lens.....	4.00
Octo Driving Lamp. Optical Lens.....	4.25
Eureka Driving Lamp. Plain Lens.....	1.85

NOT TUBULAR

Station Lamp No. 1. 8×10, No. 1 Burner, 7 in. Reflector.....	4.75
Station Lamp No. 2. 10×12, No. 2 Burner, 8 in. Reflector.....	6.15

LANTERN GLOBES

No. 0, White.....	\$0.15
No. 2, White.....	.20
Blizzard, White.....	.20
Junior, White.....	.15
No. 3, White.....	.85
No. 39, Railroad, White.....	.20
No. 0, Bull's Eye, White.....	.25
No. 0, Ruby.....	.40
Wizard, White.....	.20
Little Wizard, White.....	.15
Scout, White.....	.15

MISCELLANEOUS FARM SUPPLIES



Bow Pin

Hotchkiss
Bow Pin

Ox Ball



Bull Ring

OX BOW PINS

No. 1.....	Each, \$0.25
No. 82.....	Each, .35
Varnum, All Steel, Ox Bow Pins.....	Each, .15

OX BOWS

1½ inches diameter.....	Per pair, \$1.85
1¾ inches diameter.....	Per pair, 2.00
2 inches diameter.....	Per pair, 2.50
2¼ inches diameter.....	Per pair, 2.75
2½ inches diameter.....	Per pair, 3.00

OX BALLS

Heavy Octagon Brass

Nos.	10	11	12	13	14	15	35	Porcelain Top
Each	\$0.15	\$0.15	\$0.15	\$0.20	\$0.20	\$0.30	\$0.30	\$0.30

OX GOADS

Best quality White Oak, with Brad.....	Each, \$0.25
Best quality White Oak, Plain.....	Each, .20

OX YOKES

Meas. Neck.	Meas. bet. bows	Each
No. 1. 7 in.	× 19 in.....	\$15.00
No. 2. 7½ in.	× 20 in.....	16.50
No. 3. 8 in.	× 21 in.....	18.00
No. 4. 8½ in.	× 22 in.....	19.50
No. 5. 9 in.	× 23 in.....	22.50
No. 6. 9½ in.	× 24 in.....	24.00
No. 7. 10 in.	× 25 in.....	25.50

SLIDING OX YOKES

Most approved patterns, complete with bows. Built to order only.....	Each, \$27.00
--	---------------

OX MUZZLES

Extra heavy, 6 guarded.....	Each, \$0.65
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WELTON'S PATENT CATTLE LEADERS



Open



Closed

No. 1. Small.	No. 2. Large.
For leading or handling refractory cattle. Each, by mail, \$0.25	

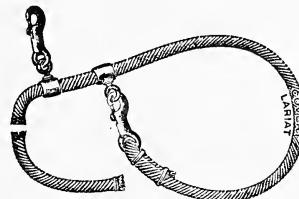
BULL RINGS

Copper, 2 in.....	Each, \$0.30
Copper, 2½ in.....	Each, .40
Copper, 3 in.....	Each, .50
Copper, 3½ in. Giant Heavy.....	Each, 1.75

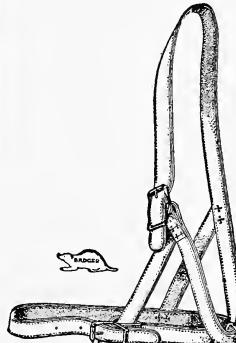
Sent by mail postpaid, on receipt of net price.

CATTLE CARDS

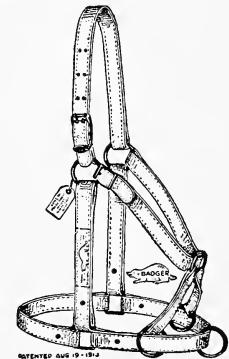
Large, 8½×3½.....	Each, \$0.35
Small, 5¾×3½.....	Each, .30
No. 2. Cards in boxes of 2 doz. or in cases of 8 doz.	
No. 4. Cards in boxes of 2 doz. or in cases of 12 doz.	



Cattle Tie



Cow Halter



Horse Halter

COW HALTERS

Cow Halter, Chrome Leather, 1¼ in.....	Each, \$1.40
Cow Neck Straps, Chrome Leather, 2 in.×42 in.....	Each, .50
Calf Neck Straps, Chrome Leather, 1¼ in.×36 in.....	Each, .30

ROPE CATTLE TIES

Single Snap, 8½ ft, Sisal, ½ in.....	Each, \$0.30
Double Snap, 10 ft, Sisal, ½ in.....	Each, .35

HORSE HALTERS

Tite Tied, Chrome Leather, 1 in., guaranteed.....	Each, \$2.00
Tite Tied, Chrome Leather, 1¼ in., guaranteed.....	Each, 1.50
Special Chrome Leather, 1¼ in., Size 44.....	Each, 1.50

HAME STRAPS



Chrome Leather, 22 in.×1½ in.....	Each, \$0.40
Chrome Leather, 22 in.×1 in.....	Each, .35

SKATE STRAPS



No. 55. Chrome Leather, 20 in., 5/8 in. Buckle.....	Each, \$0.10
Chrome Leather, 30 in., 5/8 in. Buckle.....	Each, .15
No. 50. Chrome Leather, 20 in., 5/8 in. Pat. Buckle Each,	
Chrome Leather, 30 in., 5/8 in. Pat. Buckle Each,	.20

COVERT "HOLDFAST" HAME FASTENER



Can not shrink or swell in dry or wet weather; easily put on; cannot be detached from Hames or get out of working order. Indestructible; will last as long as the Hames.	
No. 571. Tinned.....	Each, \$0.40

BULL LEADERS



No. 500

With chain.....	Each, \$1.50
With chain, handled.....	Each, 2.25

Breck's Solid Brass Bull Leader

This Bull Leader commends itself to anyone having need of the most efficient method of handling a bull. The head and ferrules are made from Solid Brass securely pinned to a selected hickory handle which is turned six sided to prevent its turning in the hands. A great favourite with stock raisers. *Each* (4 lbs.) \$5.00.

James All Steed Bull Leader

Will hold the strongest and most unruly bull.....*Each*, \$8.00

AMERICAN COW TIES, ELECTRIC WELDED

No. 2/0 3 ft. Open Ring Toggle.....	<i>Each</i> , \$0.40
No. 3/0 3½ ft. Open Ring Toggle.....	<i>Each</i> , .50
No. 4/0 4 ft. Open Ring Toggle.....	<i>Each</i> , .60
No. 5/0 4½ ft. Open Ring Toggle.....	<i>Each</i> , .70
No. 5/0 6½ ft. Open Ring Toggle. For Bulls. <i>Each</i> ,	.90

BRECK'S TIE-OUT CHAINS



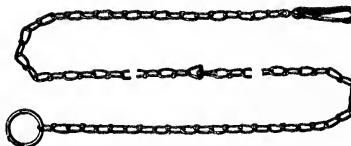
No. 00. Tensile strength, 1,650 lbs.

The Breck Tie-Out Chain is made from the best quality steel, and is fully warranted against breakage. Each chain is made from Lock Link patent steel chain as shown in cut. Swivel every ten feet and swivel snap. They are the lightest and strongest chains ever used for tethering animals. Stakes extra

Each

No. 00. 20 ft. long, with swivel, snaps and ring.....	\$1.00
No. 000. 30 ft. long, with swivel, snaps and ring.....	1.60

EUREKA TIE-OUT CHAIN



Stakes extra.

Each

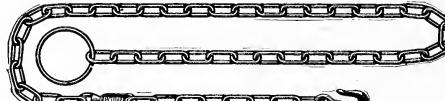
No. 00. 20 ft. with swivels, ring and snap.....	\$0.70
No. 000. 30 ft. with swivels, ring and snap.....	1.15

PICKET PINS

For tie-out chains, etc.

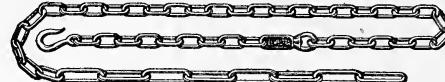
Steel Swivel.....	<i>Each</i> , \$0.35
Malleable Iron.....	<i>Each</i> , .50

BRIGHT STAKE CHAINS



6½-8-1 with hook and ring.....	<i>Per pair</i> , \$1.95
6½-8-2 with hook and ring.....	<i>Per pair</i> , 1.65

BRIGHT TRACE CHAINS



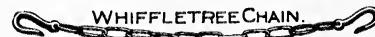
6½-8-2 with hooks.....	<i>Per pair</i> , \$1.35
7-10-1 with hooks.....	<i>Per pair</i> , 1.80

BRIGHT HALF TRACE CHAINS



36-10-2 with 2 hooks.....	<i>Per pair</i> , \$1.20
36-10-1 with 2 hooks.....	<i>Per pair</i> , 1.35
30-10-2 with 2 hooks.....	<i>Per pair</i> , 1.05
24-10-2 with 2 hooks.....	<i>Per pair</i> , .90

BRIGHT WHIFFLETREE CHAIN



28-inch, including hooks, 8 link 1½.....	<i>Each</i> , \$0.60
--	----------------------

BRIGHT BACK CHAIN



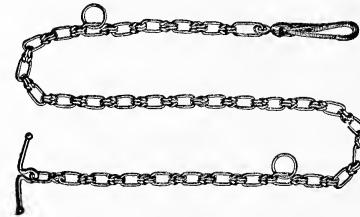
4 ft., 15, Single.....	<i>Each</i> , \$1.00
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LOG or ROCK CHAIN



3/8 in. x 12 ft. with grab hooks and ring.....	<i>Per lb.</i> , \$0.18
½ in. x 12 ft. with grab hook and ring.....	<i>Per lb.</i> , .17

HALTER CHAINS



Each	Each
No. 0. 4½ ft.....	\$0.40
No. 1. 4½ ft.....	.35
No. 2. 4½ ft.....	.35
No. 3. 4½ ft.....	.35

With one snap. For Halter chains with two snaps, add 15¢ each.

DOG CHAINS

No. 6. 6 ft. with 2 snaps.....	<i>Each</i> , \$0.35
--------------------------------	----------------------

COVERT OPEN EYE SNAPS



If you are not using the Covert Open Eye Snaps, try them and save yourself much trouble and expense.	■ ■ ■
No. 5. Giant, 5½ in. long, 5/8 in. eye.....	<i>Each</i> , \$0.35
No. 48. Giant, 4 in. long, ½ in. eye.....	<i>Each</i> , .30
No. 55. Giant, 5 in. long, 5/8 in. eye.....	<i>Each</i> , .20
No. 50. 3½ in. long, 5/8 in. eye.....	<i>Each</i> , .15

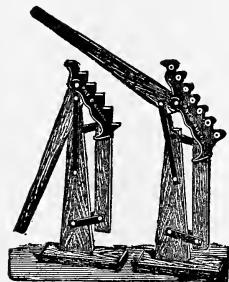
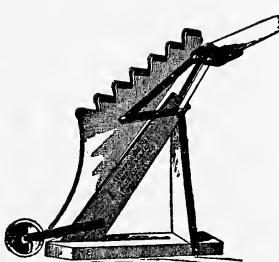


No. 475



No. 476

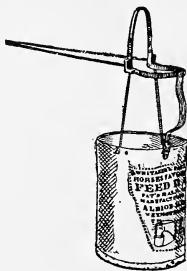
No.	Weight each	Lifting capacity	Each
475.	All steel.....	6 lbs.	\$1.75
476.	All steel.....	10 lbs.	2.25
09.	Liberty Jack for Heavy Wagons.....	27 lbs.	8.00

Standard Carriage
JackI X L Carriage
Jack**STANDARD CARRIAGE JACK**

No. 1.	Standard, light carriages.....	Each, \$3.25
No. 2.	Standard, light wagons.....	Each, 4.25
No. 3.	Standard, heavy wagons.....	Each, 5.25

I X L CARRIAGE JACK

No. 2.	I X L, medium.....	Each, \$6.50
No. 3.	I X L, Large.....	Each, 8.50



Horse Feed Bag



Horse Feed Pail

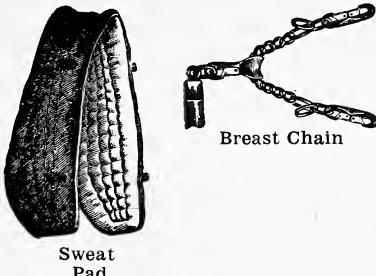
HORSE FEED BAGS

These bags are made from strong cotton canvas, with wood bottoms, complete with ropes for attaching. Grain cannot be wasted when these bags are used.

Whittaker First Quality.....	Each, \$1.50
B. O. Good Quality.....	Each, 1.25

HORSE FEED PAILS

Made from heavy galvanized iron sheets. As there is nothing to absorb moisture the food is always sweet and clean. Furnished with straps. Complete with strap..... Each, \$3.00

Sweat
Pad

Breast Chain



Whiffletree

COVERT'S BREAST CHAIN

These Chains can be adjusted to any length when it is desirable to change a team from one wagon to another. They are easily shortened, by taking up the links successively and dropping one or more as shown in the cut. The snap or saddle shaped connection in the center of the Chain obviates the great wear Chains and Neck Yoke Rings are subject to. The length of the Center Breast Chain Snap is included in the measurement of the Chain.

No. 220. 28 in..... Per pair, \$2.00

SWEAT PADS

	Each	Each	
19 in.....	\$0.70	23 in.....	\$0.90
20 in.....	.75	24 in.....	.95
21 in.....	.80	25 in.....	1.00
22 in.....	.85		

EVENERS and WHIFFLETREES**Whiffletrees**

	Each	Each
Light, 28 in., with hooks.....		\$1.50
Light, 28 in., with rings.....		1.90
Medium, 30 in., with hooks.....		1.65
Medium, 30 in., with rings.....		2.00
Heavy, 32 in., with hooks.....		1.65
Heavy, 32 in., with rings.....		2.00

Eveners and Whiffletrees

	Per set
Light, 28 in., with hooks.....	\$5.50
Light, 28 in., with rings.....	6.25
Medium, 30 in., with hooks.....	6.00
Medium, 30 in., with rings.....	6.75
Heavy, 32 in., with hooks.....	6.25
Heavy, 32 in., with rings.....	7.00

Eveners Only

	Each
Light.....	\$2.50
Medium.....	2.75
Heavy.....	3.00

EASTERN PATTERN NECK YOKES

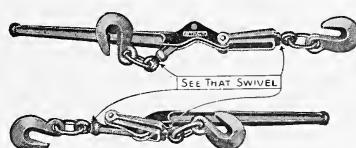
Set consists of one 40 inch Neck Yoke with irons and two 20 inch Jockey Yokes..... Per set, \$5.50



Hay Hook

HAY AND BOX HOOKS

6 in. box.....	Each, \$0.65	7 in. hay.....	Each, .65
7 in. box.....	Each, .65	8 in. hay.....	Each, .65

GOODYEAR LOAD BINDER

Used to bind loads of logs, lumber, pipe, poles, hay, straw and almost every conceivable thing. Per pair..... \$6.00



Miller's Harness Soap

FRAZER'S AXLE GREASE

Universally known and used for many years. Nothing better made. Always in stock.

Tin boxes.....	Each, \$0.30
3½ lb. tin pails.....	Each, .85
15 lb. buckets.....	Each, 3.25
25 lb. buckets.....	Each, 5.00



Miller's Harness Oil

**SNOW FLAKE AXLE GREASE**

1 Qt. cans (1 doz. in a crate).....	Each, \$0.50
2 Qt. cans (½ doz. and 1 doz. in a crate).....	Each, .90
1 Gal. cans (¼ doz. and ½ doz. in crate).....	Each, 1.50

MICA AXLE GREASE

It will leave no gum or paste on the spindles where it is used. It is made of the best grease stock and ground mica, which fills up the pores and crevices in the axle and forms a hard, bright, smooth coating, thus reducing friction to a minimum.

1 lb. tins (1/4 gross in case).....	Each, \$0.20
3 lb. pails with bail.....	Each, .50
Small, galvanized pails, about 10 lbs.....	Each, 1.50
Medium galvanized pails, about 15 lbs.....	Each, 2.00
Large galvanized pails, about 25 lbs.....	Each, 3.15
50 lb. Kegs.....	Per lb., .12
100 lb. Kegs.....	Per lb., .11
½ barrels about 250 lbs.....	Per lb., .10½
Barrels about 400 lbs.....	Per lb., .09

FRANK MILLER'S HARNESS PREPARATIONS**Harness Oil**

No. 1. Pints.....	Each, \$0.50
No. 2. Quarts.....	Each, .75
No. 4. Gallons.....	Each, 2.50

Harness Composition Soap

Small boxes (1 lb.).....	Each, \$0.40
Medium boxes (2 lbs.).....	Each, .75
Large boxes. (5 lbs.).....	Each, 1.60

Harness Dressing

Quarts.....	Each, \$0.80
Half gallons.....	Each, 1.50
Gallons.....	Each, 2.50

STEEL STAKE HOLDERS

Made from soft steel. Nos. 1, 1, and 2 are made with two holes; Nos. 3 and 4 with four holes.

No. 1. For 1½" stake, depth 2½", thickness ¾".....	Each, \$0.15
No. 2. For 1¾" stake, depth 2½", thickness 5/8".....	Each, .18
No. 3. For 2" stake, depth 2¾", thickness 5/8".....	Each, .20
No. 4. For 2" stake, depth 3¾", thickness 5/8".....	Each, .25

CURRY COMBS

No. 410

No. 410. American 8 bar, close back, cold rolled steel	Each, \$0.30
No. 440. American 8 bar, close back, extra strong steel	.35
Reform Curry Combs "Great Favorites".....	.20
Healy Card and Comb.....	.50

Add for postage, if sent by mail, 5 cents each.

HORSE SHEARS

Best quality 8 inch broad bows, leather covered.	
Horse Shears, Curved Points.....	Each, \$2.25
Horse Clippers, Chicago No. A2.....	Each, 2.00
X L Ball Bearing.....	Each, 3.75

WHIP STICKS

Assorted lengths with keepers.....	Each, \$0.50
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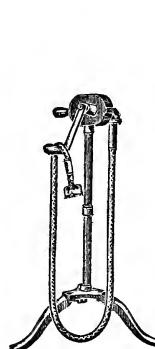
HORSE CLIPPING and SHEEP SHEARING MACHINES

Fig. 1

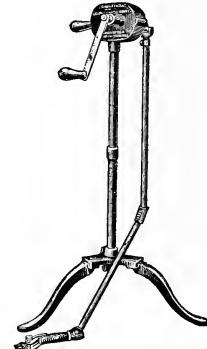


Fig. 2

The Stewart Clipping Machines are the best made and lowest priced hand-power clipping machines in the world. They have an established reputation everywhere as the best in their line, and any one of them that the owner of animals decides to buy will be sure to do the work well.

No. 1. Stewart Ball Bearing Horse or Cow Clipping Machines, Enclosed Gear, Fig. 2.....	Each, \$12.75
Sheep shearing attachment for No. 2.....	Each, .50
No. 9 Stewart Sheep Shearing Machine, Fig. 1.....	Each, 21.00
One Man Power Shearing Machines.....	Each, 21.00
Horse Clipping Attachment (fits any Hand Power Sheep Shearing Machines).....	Each, 8.50

Parts of Stewart Clipping Knife

Stewart Patent Horse Clipper Handle and Knife, complete	\$4.00
Each.....	

Stewart Patent Horse Clipper Knife, without handle.....	3.00
Each,.....	

C1. Heads used prior to Jan. 1, 1915.

C2. Heads used after Jan. 1, 1915.

No. 90. Top Plate.....	1.25
Each,.....	

No. 99. Bottom Plate.....	1.75
Each,.....	

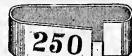
Stewart No. 5 Shear

No. 5 Shear, with one set of Knives.....	8.50
Each,.....	
No. 277 Extra Combs.....	.75

No. 276 Extra Cutters.....	.25
Each,.....	



Stock Labels



250



Stock Label Punch

DANA'S STOCK LABELS

For marking, numbering, and registering cattle, sheep, swine, goats, colts, etc. Attached to the ear by passing the label through a hole punched in the ear and lapping around the edge of the ear.

Per doz. Per 100 Per 1000

Cattle Labels, $\frac{1}{2}$ in. wide \times $1\frac{1}{2}$ in. long.	\$0.75	\$4.00	\$35.00
Light Cattle Labels, $\frac{3}{8}$ in. wide \times $1\frac{3}{8}$ in. long.	.60	3.00	28.00
Sheep and Hog Labels, $\frac{3}{4}$ in. wide \times 1 in. long.	.40	2.00	18.00

DANA'S STOCK LABEL PUNCHES

Made to cut an oval hole the right distance from the edge of the ear. Pincers for accurately closing the Label on each Punch.

Cattle Label size.....	Each, \$1.70
Light Cattle Label size.....	Each, 1.50
Hog and Sheep Label size.....	Each, 1.25

CATTLE REGISTERS

Bound blank books with columns headed "name," "when calved," "colour," "got by," "out of," "bred by," "remarks," etc., for 400 cattle for five years. Each book contains a complete time table for cows

Each, \$0.80

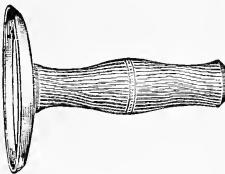
Milk Registers.....

Each, .80

All labels, registers and punches sent by mail or express, prepaid, at our option on receipt of price.



Calf Weaner



Hog Scraper

CALF WEANERS

For preventing calves and cows sucking themselves or each other — habits most injurious to the animal and costly to the owner. Weaners are no hindrance to either eating or drinking, do the animal no injury, have been thoroughly tested, are used and endorsed by the best stock raisers in the United States and England.

No. 727 Kees, small, for small calves.....	Each, \$0.25
No. 828 Kees, large, calves 1 to 2 years old.....	Each, .35
No. 2 Tyler's Safety, for self suckers.....	Each, .40

HOG SCRAPER

Bolt riveted through handle. Steel ground edges. Each, \$0.25

HOG RINGS



Hog Rings.....	Per 100, \$0.25
Hog Ringers.....	Each, .25

Sent by mail, postpaid, on receipt of price.

COW, SHEEP and TEAM BELLS



The Colonial bells are made from the finest quality of bell metal and can be heard a much greater distance than the ordinary bells. Finely polished.

No. 22. 4 in. in diameter.....	Each, \$1.20
No. 32. 4 $\frac{1}{2}$ in. in diameter.....	Each, 1.50
No. 42. 5 in. in diameter.....	Each, 1.90

LONG DISTANCE COW and SHEEP BELLS

Stamped from one piece of Metal

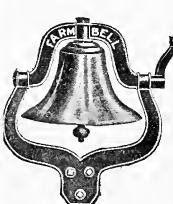
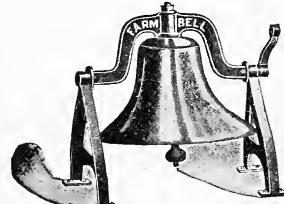
No. 8. $2\frac{1}{8} \times 1\frac{1}{2}$ in.....	Each, \$0.20
No. 9. $2\frac{5}{8} \times 2$ in.....	Each, .25
No. 10. 3 $\times 2\frac{1}{4} \times 2\frac{5}{8}$ in.....	Each, .30
No. 11. $3\frac{1}{2} \times 2\frac{5}{8} \times 3\frac{3}{8}$ in.....	Each, .35
No. 12. 4 $\times 3 \times 3\frac{3}{8}$ in.....	Each, .40
No. 013. 4 $\times 3\frac{1}{2} \times 4$ in.....	Each, .45
No. 014. 5 $\times 3\frac{3}{4} \times 4\frac{1}{2}$ in.....	Each, .50

HEAVY STAMPED STEEL TEAM BELLS

Dominion Pattern, Wide Loop, Brass Plated

No. 7B.B. $3\frac{3}{4}$ in. in diameter.....	Each, \$0.35
No. 8B.B. $4\frac{1}{2}$ in. in diameter.....	Each, .40
No. 10B.B. $4\frac{1}{2}$ in. in diameter.....	Each, .45
No. 12B.B. 5 in. in diameter.....	Each, .50

FREDERICKTOWN FARM BELLS

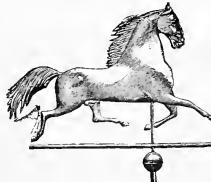
Nos. 1 to 3
Farm BellNo. 4
Farm Bell

Twentieth Century Pattern

The superior quality of bell metal used in the Fredericktown Bell creates a volume of sound and purity of tone unexcelled. There is no uncertainty as to its merits. We can give no stronger proof of this than to call your attention to the fact that they have been in use and have given good satisfaction for over half a century.

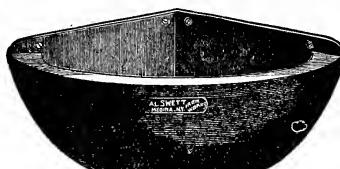
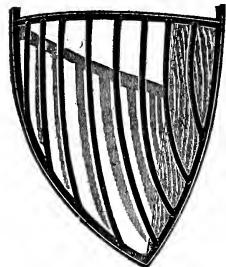
No. 1 Farm Bell, 15 in. diameter.	Weight complete, 40 lbs.. \$6.25
No. 2 Farm Bell, 17 in. diameter.	Weight complete, 50 lbs.. 7.75
No. 3 Farm Bell, 19 in. diameter.	Weight complete, 75 lbs.. 9.50
No. 4 Farm Bell, 21 in. diameter.	Weight complete, 100 lbs. 13.00

COPPER WEATHER VANES



We warrant our Weather Vanes to be made of copper and gilded with 23-carat gold leaf. The price of each vane includes a wrought iron spire with steel spindle, points of compass, gilt letters, and copper balls. Complete catalogue of Weather Vanes free on application. We can furnish at short notice emblematic signs and vanes, suitable for any business, such as guns, boots, watches, mortars, spectacles, padlocks, anvils, etc. Vanes promptly made to order from any drawing or design.

STABLE FITTINGS

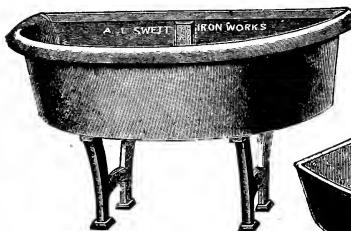


Wrought Iron Hay Rack

No. 12. Wrought Iron Hay Rack, height 2 ft. 11 in. Each, \$4.00

Corner Manger

Corner Mangers. With flat food guard

No. 2. $15\frac{1}{2} \times 15\frac{1}{2} \times 9$ in. deep. Each, \$4.00No. 3. $17 \times 17 \times 10$ in. deep. Each, 4.25

Half Circle Water Trough

Fig. 247A. With patent overflow and plug strainer.
 $33 \times 14 \times 12$ in. deep, no legs. Each, \$21.00 $33 \times 14 \times 12$ in. deep, with legs. Each, 26.00

Slow Feed Manger

No. 23. Pockets prevent horse from eating too fast.
 $17 \times 17 \times 6$ in. deep. Each, \$4.25

Stable Gutter

For wood floor. Width over flange, 6 inches.

Made in 4 ft. lengths.

Gutter and Cover. Per ft., \$1.45
Gutter only. Per ft., .80
Cover only. Per ft., .75

Graded Channel Gutter



For level stall floors; 5 feet long. Each, \$1.50

CAST IRON PIG TROUGHS



Extra Heavy. 12 inches wide.

24 in. long. Each, \$3.40
36 in. long. Each, 5.1048 in. long. Each, \$6.80
60 in. long. Each, 8.50

WOOD STABLE FORKS



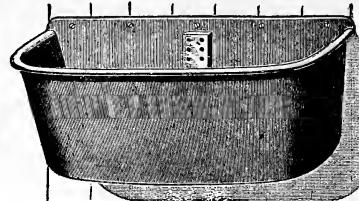
Best quality Ash. Each, \$1.00

STALL HOOKS



For cleaning stalls. Handled. Each, \$0.95

STABLE FITTINGS



Side Wall Trough

Fig. 245A. With patent overflow and plug strainer.

No. 13. $25 \times 14 \times 12$ in. deep. Each, \$13.00

Cess Pool



Vault Cover

With Bell Trap. Extra Heavy.
 6×6 in. Each, \$0.75, 9 \times 9 in. Each, \$1.50, 12 \times 12 in. Each, \$2.25

Vault Cover and Frame

No. 11. 18 in. opening with Frame. Each, \$7.50
No. 12. 20 in. opening with Frame. Each, 8.75
No. 14. 30 in. opening with Frame. Each, 18.25

MISCELLANEOUS FITTINGS



Fig. 501

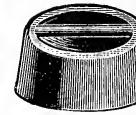


Fig. 80



Fig. 276



Fig. 262

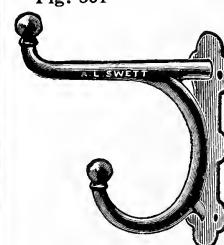


Fig. 254



Fig. 275

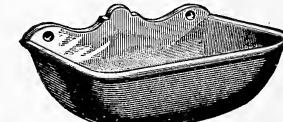
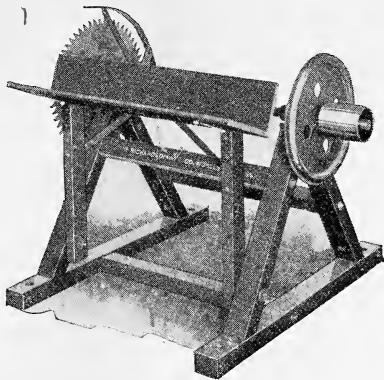


Fig. 198

Fig. 501. Tie Ring to Screw. Each, \$0.15
 Fig. 254. Harness Hook, 12 in., Extra Heavy. Each, .95
 Fig. 275. Sponge Rack, 14 in., Japanned. Each, 2.00
 Fig. 262. Whip Rack, to Whips, Japanned. Each, .80
 Fig. 198. Salt Dish, $8\frac{1}{2} \times 5\frac{1}{2} \times 3\frac{1}{2}$, Japanned. Each, .65
 Fig. 276. Soap Box, Japanned. Each, .50
 Fig. 80. Hitching Weights, 10 to 35 lbs. Per lb., .12

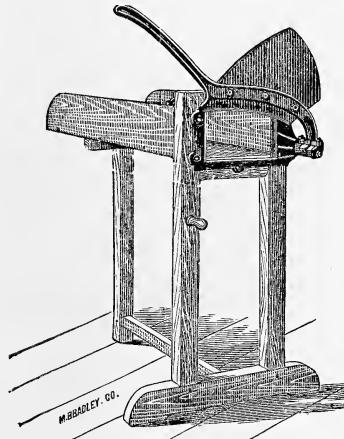
"ROTO" SALT BRICK and FEEDER
 Horses and cattle should have salt within easy access at all times. "Roto" Feeders are made of stoneware. "Roto" Salt Cakes are made under hydraulic pressure of the finest table salt. For those having the old-style square Feeders we carry in stock the Square Bricks and Feeders.
 "Roto" Salt Bricks. Each, \$0.30
 "Roto" Salt Feeders, Porcelain. Each, .50
 Square Salt Bricks. Each, .30
 Square Salt Feeders, Galvanized Iron. Each, .40

CIRCULAR SAW RIGS



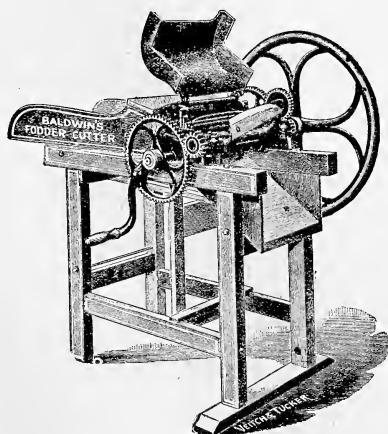
For sawing cord wood. We can also furnish complete rig with truck ready to mount engine thereon. *Price on request.*
Rig with tilting table, 24 inch saw Each, \$45.00

LEVER FEED CUTTER



A simple and durable machine. The device for adjusting the lever, being removed from the pivot, enables us to have a stationary pivot firmly attached to the machine and consequently not liable to get loose as in all machines where the pivot is adjustable.
No. 2. Hawk Bill Knife, 58 lbs. Each, \$11.00

BALDWIN'S FODDER CUTTER



This is a favorite cutter where more is to be done than with the Lever cutters. Very durable.
No. 11. 2 knife. Cuts $\frac{1}{2}$, 1, $1\frac{1}{2}$, 2 inches. Each, \$48.00

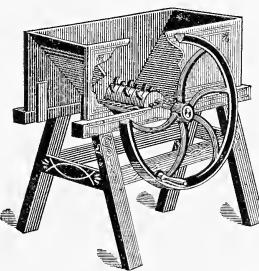
BANNER ROOT CUTTERS



The best and most practical machines for cutting roots for stock and poultry.

		Bu. per hour	Weight	Each
No. 20.	Hand power only.	30 to 50	120 lbs.	\$20.75
No. 15.	Hand and power.	60 to 80	135 lbs.	24.00
No. 25.	Hand and power.	30 to 50	100 lbs.	18.50
No. 16.	Hand and power.	60 to 180	150 lbs.	33.00
No. 16.	Hand power only.	30 to 50	150 lbs.	28.50
No. 10.	Power only.	300 to 420	340 lbs.	43.75
No. 28.	Hand and power.	30 to 50	150 lbs.	35.00
No. 28.	Hand power only.	30 to 50	150 lbs.	33.00
No. 35.	Hand and power.	60 to 80	185 lbs.	46.00
No. 7.	Hand power Poultry cutter		50 lbs.	8.50

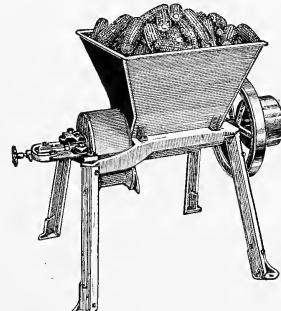
CHAMPION ROOT CUTTER



For a low priced machine the Champion is one of the best. It is made of the best material and will prove very serviceable as well as durable. Has hook-shaped cutters, does the work rapidly and in a thorough manner.

Champion Root Cutter with Balance Wheel. Each, \$16.00

ROSS SUPERIOR DUPLEX GRINDING MILL

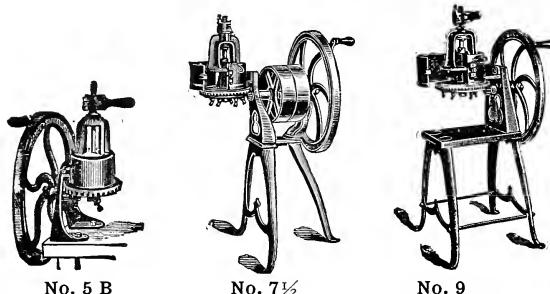


The Ross Superior Duplex mill grinds cob corn, shelled corn, oats, and all other small grains alone or mixed to any desired grade from hominy to meal. Capacity 6 to 20 bushels per hour. Speed required 350 to 500 R. P. M. Power 2 to 4 H. P.

No. 10. Ross Superior Mill. Each, \$45.00

Descriptive circulars mailed on application

MANN'S GREEN BONE CUTTERS



No. 5 B

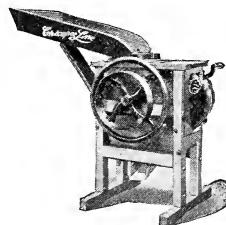
No. 7 1/2

No. 9

More Mann's Bone Cutters are in use today in the United States and throughout the world than of all other makes combined. The Mann's has won more than 300 first premiums at expositions, fairs and poultry shows—more than all other types put together.

	Each
No. 5C.....	\$12.00
No. 5B.....	15.00
No. 5BM.....	18.00
No. 7.....	19.75
No. 7 1/2.....	28.00
No. 9.....	30.00
No. 11, Power Machine.....	45.00
No. 12, Power Machine.....	65.00
No. 15, Power Machine.....	125.00
No. 18, Power Machine.....	175.00
Parts to change No. 9 to No. 11.....	12.50

CORN SHELLER



This Sheller is made of hard wood and having a large hopper will shell all sizes of ears and large Dent corn as well. When ordered, pulley can be furnished which can be bolted to fly wheel. There will be an additional charge for this pulley. Machine separates ears from shelled corn..... Each, \$20.00
Pulley for power..... Each, 3.00

"RED CHIEF" CORN SHELLERS



These Shellers are guaranteed to do as good if not better work than any shellers on the market. Have patent oval-shaped teeth that go between the rows of grain, shelling the corn without cracking the grains. Shells clean, taking off less chaff than any other sheller. Cold rolled steel axle with $4\frac{1}{4}$ -inch bearing on hub preventing rapid wear and giving machine steady motion. Throws the cobs outside every time.

Red Chief Corn Shellers..... Each, \$2.75
Pop Corn Attachment..... Each, .50
Red Chief Box Shell Sheller Each, 7.00

Descriptive Circulars on Application

"RED CHIEF" GRINDING MILLS

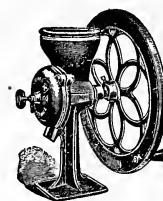


An ideal mill for cracking grain of any kind for poultry and stock. It combines all the elements of rapid work, perfect grinding, and requires little power. A necessity in every household. Will save many times its cost in a year.

No. 2. Red Chief Grinding Mill.....	Each, \$5.00
No. 5. Red Chief Grinding Mill.....	Each, 7.00
No. 10. Red Chief Grinding Mill.....	Each, 8.50
No. 15. Red Chief Grinding Mill for Power.....	Each, 15.00
No. 20. Red Chief Grinding Mill for Power.....	Each, 20.00
No. 20. Stand only.....	Each, 3.50
No. 20. Table Meal Separator.....	Each, 6.25

Descriptive Circulars on Application.

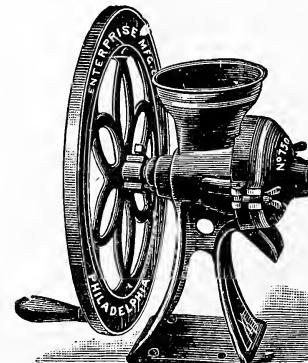
ENTERPRISE GRIST MILLS



These mills have been constructed to meet a demand for an inexpensive and at the same time a first-class and reliable grist mill. They are especially adapted to grinding corn, wheat, rye, coffee, salt, bark; also grain for poultry, thus making them valuable to the farmer or poultryman.

No. 50. Capacity $\frac{3}{4}$ bu. corn per hour.....	Each, \$4.00
No. 60. Capacity $1\frac{1}{4}$ bu. corn per hour.....	Each, 6.00
No. 70. Capacity 2 bu. corn per hour.....	Each, 8.00

ENTERPRISE BONE, SHELL, and CORN MILL



These mills are especially adapted to grinding bones (when dry only), shells, corn, roots, bark, grain, chicken feed, salt, etc. When it is considered that bone meal is one of the best fertilizers, they will soon pay for themselves for that purpose alone.

No. 750 Mill.....	Each, \$17.50
-------------------	---------------

JUICY FRUIT PRESSES

Best—Simplest—Cheapest

A wonderful press for Fruits, Grapes, Lard, Jellies, etc. Large capacity.

Special Feature: All parts coming in contact with the Fruit Juices are tinned with *Pure Block Tin*.

The steel screw has a coarse pitch, giving very quick action to handle, no nuts or adjustments to get out of order.

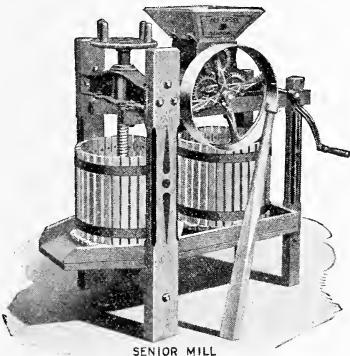
Bowls are made of high grade tin plate with top and bottom rings on them.

Inside bowl is riveted, and has a lock seam making it doubly strong.

You want this press because it cannot get out of order. Will save the cost in a season in extra juice it will produce.

No. 1. Capacity 1½ gallons, 18 lbs. *Each*, \$6.25
 No. 2. Capacity 3 gallons, 36 lbs. *Each*, 9.00

RED CROSS CIDER MILLS



SENIOR MILL

Built for Lasting and Satisfactory Service

Self Feed. 1 tub, 14 in. × 12 in. Screw 1½ in. × 24½ in. Capacity 1 to 2 barrels. *Each*, \$25.00

Junior. 2 tubs, 12 in. × 10 in. Screw 1½ in. × 18¾ in.

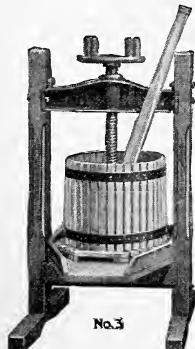
Capacity 2 to 4 barrels. *Each*, 30.00

Medium. 2 tubs, 14 in. × 12 in. Screw 1½ in. × 20½ in. Capacity 3 to 6 barrels. *Each*, 40.00

Senior. 2 tubs, 17 in. × 14 in. Screw 2 in. × 23½ in.

Capacity 6 to 12 barrels. *Each*, 60.00

The Junior, Medium, and Senior Mills arranged to be used by hand or power.



No. 3

RED CROSS FRUIT PRESSES

Red Cross Fruit Presses all have heavy iron cross-heads—not wood. The press screws are heavy cold rolled steel with accurately cut threads. The follower cap and handwheel are cast iron. Frames are heavy and strongly bolted together. Troughs are wide and deep. Tubs are capacious.

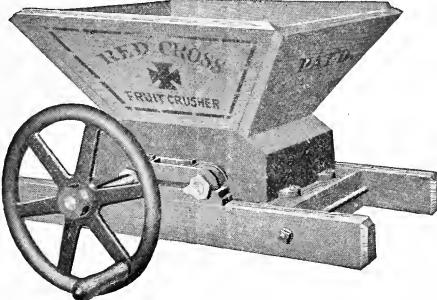
Capable of withstanding great pressure, Red Cross Presses enable the user to get all the juice from the fruit.

Each
 No. 3. Tub 17 in. dia. × 14 in.
 With hinged tub. \$30.00

No. 5. Tub 17 in. dia. × 18 in.
 With hinged Tub. 45.00

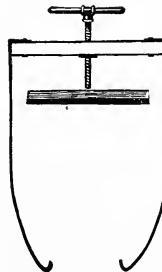
No. 1. Tub 12 in. dia. × 10 in. Screw 1½ in. × 18¾ in. 16.00
 No. 2. Tub 14 in. dia. × 12 in. Screw 1½ in. × 20½ in. 20.00

FRUIT CRUSHERS AND GRINDERS



Red Cross, for Apples. *Each*, \$22.00
 Lily, for Grapes. *Each*, 12.00

BARREL HEADERS



Steel Screw Header



Lever Barrel Header

1 inch steel screw, follower attached. *Each*, \$2.75
 Lever barrel header, extra heavy. *Each*, 2.50

SCALES



Platform Scales



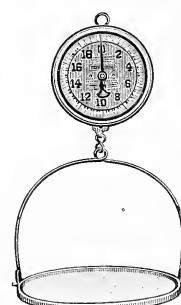
Family Scales



Union Scales



Vendor Scales



Fish Scales

Fairbanks No. 1128. Platform Capacity 500 lbs. *Each*, \$25.00
 No. 508. Union Platform, 240 lbs. *Each*, \$17.00
 No. 7520F. Fish, 20 lbs. × 1 oz. Aluminum pan. *Each*, \$8.50
 No. 6520G. Vendor, 20 lbs. × 1 oz. with galvanized scoop. *Each*, \$5.75
 No. 100. Steel top, capacity 24 lbs. *Each*, \$3.00
 No. 102. Steel top, tin scoop, capacity 24 lbs. *Each*, 3.50
 No. 103. Tile top, capacity 24 lbs. *Each*, 3.50
 No. 104. Steel top, brass scoop, capacity 24 lbs. *Each*, 4.00
 No. 60. Steel top, tin scoop, capacity 60 lbs. *Each*, 6.00

FARMERS' BOILERS



Number	15	20	25	30	40	50	65
Capacity gals.	11 1/2	16	21	27	36	45 1/2	56
For wood							
Each,	\$28.00	\$35.00	\$43.00	\$54.00	\$68.00	\$85.00	\$106.00
For coal							
Each,							\$74.00 \$92.00
Caldrons							
Each,	\$8.50	\$11.25	\$14.00	\$17.00	\$22.00	\$28.00	\$37.00

THE TWENTIETH CENTURY TANK HEATER



Is the hottest thing on earth. It will not crack, has no seams to leak, and will last a lifetime. The whole top swings off, making a 13-inch opening through which to feed fuel.

The cold air draft pipe or chamber is outside of the body of the heater, and cannot become heated, which insures at all times a strong, steady down draft through and under the fire. Such results cannot be obtained with a heater in which the draft chamber is on the inside of the body next to the fire, as it becomes heated, which forces the air upward so that little or no air goes through the fire.

The smoke pipe of the Twentieth Century Heater, which is made of galvanized iron, is furnished with hood and damper, and the cold air draft chamber with sliding shut-off, making perfect draft regulation.

The ashes are removed without disturbing the fire or removing the heater from the tank by first hooking the poker through the bail on the basket grate, and lifting it out fire and all, and next the ash pan. The weight of the heater keeps it at the bottom of the tank without the use of anything to fasten it down. The Twentieth Century will keep forty barrels of water from freezing with the temperature 10 degrees below zero. Height of heater 24 in., diameter 14 in., weight 175 lbs. Each, \$11.50 Extra Grates for above. Each, 1.50

FAIRCHILD'S BAG HOLDER



This bag holder is very much needed in all mills, grain stores, by every farmer, in all country stores, and in fact by all who ever have occasion to fill bags. Quite a number have recently been ordered for newspaper offices to hold the bags while mailing newspapers.

With the standard it may be placed upon any platform scales, so that the grain may be readily weighed as it is put up. It may also be attached to any upright in the granary or barn, or to any wagon, for use in the field without the standard.

Fairchild's Bag Holder. Each, \$6.00
Tunnels only. Each, 2.00
Lag Irons. Each, .40



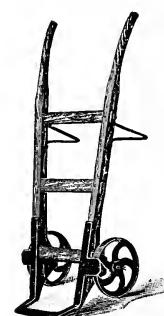
UNIVERSAL BAG HOLDER

This machine is a great success. It is the only bag holder adapted to all sizes of bags, from a 48-lb. flour sack to a 6-bushel gunny bag. One man can take off and put on from 15 to 20 bags a minute. Does not tear the bag. Is well made; malleable iron jaws; wrought iron pipe standards. Steel spring; weighs only 20 lbs. Each, \$7.00

TRUCKS



Barrel Truck



Store Truck

Boston Pattern Trucks

No.	Length Handle	Dia. Wheels	Dia. Axles	
0	48 in.	6 in.	3/4 in.	Each, \$7.00
1	52 in.	6 1/4 in.	3/4 in.	Each, 8.25
2	56 in.	7 3/4 in.	7/8 in.	Each, 9.75
3	58 in.	9 3/4 in.	1 in.	Each, 12.00

Dandy Trucks

For light work. Well made, strong and durable. Each, \$6.00

Ash Barrel Trucks

No. 3. Steel Giant Truck. Each, \$4.25

TRUCK WHEELS

No. 1.	Cast Iron.	Each, \$1.25
No. 2.	Cast Iron.	Each, 1.35
No. 3.	Cast Iron.	Each, 1.60

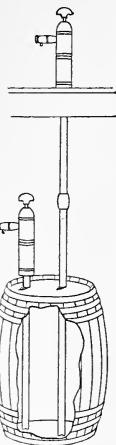
ENTERPRISE SELF PRIMING and MEASURING PUMP



For molasses, heavy oils, tar, etc. No priming necessary. Simply insert in barrel and turn crank. The new total registering device indicates quantity taken from barrel and enables grocer to anticipate his orders for a fresh supply. Up-to-date grocers cannot afford to be without this time, labor, and money saver. Extended tube for pumping from cellar to first floor will be furnished when so ordered.

No. 97. Enterprise Pump complete with auger. Each, \$23.00
No. 97. Enterprise Pump only. Each, 20.00
No. 97. Enterprise Auger. Each, 3.00

Extension Tubing, per foot or fraction of foot, on application



WOOD VINEGAR and LIQUID BARREL PUMP

The Latest, Best and Most Perfect Barrel Pump Made

(Patented January 26, 1904)

This is the only pump made which will pump the entire contents of a barrel. Being the only vacuum pump on the market, it may be introduced into a barrel through a $1\frac{3}{8}$ -inch hole. It is made from chemicalized wood and is strictly non-corrodible. It is absolutely better in every respect than any other barrel pump. It does away with the slow, leaky faucet. Saves time and trouble of lifting barrel to bench, and saves one-half the room. The top of barrel makes a handy receptacle for holding the funnels and measures, where they are always ready for use. It will pump the liquid at the slightest stroke of the piston.....*Each, \$2.15*

Same pump made up to 10 feet in length for basement use. *Price on application.*



BAY STATE CUCUMBER-WOOD PUMP

The genuine Bay State pump.

No. 1 Pumps Porcelain Lined

The favourite house pump. $3\frac{1}{2}$ inch cylinder. Made from timber 6×6 in.

	Each
6 ft. in one piece.....	\$11.80
7 ft. in one piece.....	12.65
8 ft. in one piece.....	13.50
10 ft. in one piece.....	15.75
12 ft. in one piece.....	17.45

Price of pumps complete for any depth of well furnished on application.

Please state distance from platform to bottom of well when writing.

Wood Pump Extras

No. 1 Tubing for wood pumps.....	<i>Per ft. \$0.40</i>
Couplings, with iron bands.....	<i>Each, 1.00</i>
Iron Spouts, japanned.....	<i>Each, .75</i>
Iron Brackets, closed, complete with roll.....	<i>Each, .75</i>
Plungers, $3\frac{1}{2}$ inches.....	<i>Each, 1.25</i>
Plunger leathers.....	<i>Per doz., 5.00</i>
Handles.....	<i>Each, .60</i>
Check Valves.....	<i>Per doz. 2.25</i>

IRON PUMPS

Pitcher Pumps

Open Spout, Closed Top

No. 2. Cyl. $3\frac{1}{2}$ dia., 4" stroke, suction pipe $1\frac{1}{4}$ ",.....*Each \$3.60*

No. 3. Cyl. $3\frac{1}{2}$ dia. 4" stroke, suction pipe $1\frac{1}{4}$ ",.....*Each \$4.00*



Drive Well Point

No. 301. $1\frac{1}{4} \times 24$ in. galvanized brass strainers.....*Each, \$2.65*

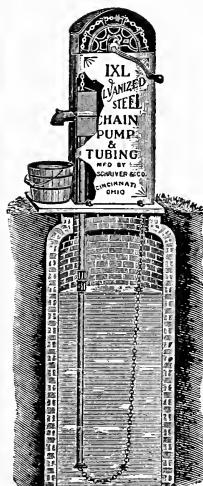
WELL WHEELS



Extra heavy for chain or rope. 12 inch.....*Each, \$3.25*

HYDRAULIC RAMS

For Irrigating Land and Supplying Dwellings, Factories, Barn-Yards, Railroad Stations, etc., with Running Water. Descriptive circulars and full information furnished free on application



I. X. L. GALVANIZED STEEL CHAIN PUMP

There has never been a better device for raising water from the well than the old-fashioned chain pump with rubber buckets, the only objection to this pump being that it soon wears out and fails to draw the water properly, causing a constant expense for repairs. This is entirely overcome in our new Galvanized Steel Chain Pump. The galvanized tubing does not make the water taste, it is practically rustless, and will not rot or accumulate filth. This pump is anti-freezing and can be used in wells that are fifty feet deep or under successfully, giving sixteen gallons of water per minute.

I. X. L. Curbs, complete.....	<i>Each, \$8.00</i>
Galvanized Tubing.....	<i>Per ft., .12</i>
Galvanized Reservoir Boxes.....	<i>Each, .60</i>
Galvanized Couplings.....	<i>Per set, .65</i>
Screw Funnel Rings.....	<i>Each, .35</i>
I. X. L. Rubber Buckets.....	<i>Each, .08</i>
Galvanized Pump Chain.....	<i>Per ft., .05</i>
Chain Pliers.....	<i>Each, .25</i>

BRASS CYLINDER HOUSE, FORCE, and LIFT PUMPS

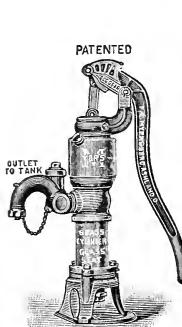


Fig. 1463

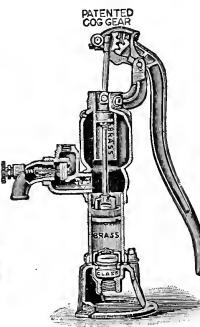


Fig. 1384

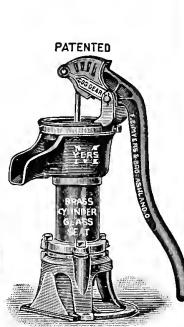


Fig. 1366

These pumps have 3 inch Brass Cylinders, Glass Valve Seats. Fitted for 1½ inch pipe either lead or iron. No solder necessary. Coggear reversible handles.

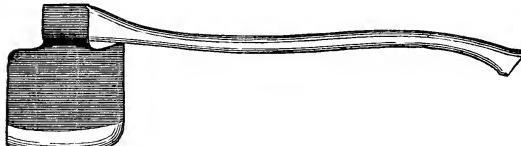
Fig. 1463. No. R245. Myers' House Lift Pump.....*Each, \$8.50*

Fig. 1384. No. R251. Myers' House Force and Lift Pump.....*Each, 10.75*

Fig. 1366. No. R220. Myers' Pitcher Pump.....*Each, 7.50*

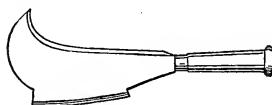
Cock Spouts fitted on No. R 251.....*Each, 2.10*

TURFING AXES



For cutting turf on cranberry bogs. Hand forged. Best quality. Turfing axes.....*Each, \$5.50*
Turfing axes, handled.....*Each, 6.25*

NOTTINGHAM BILLS



Imported best quality steel. Useful for trimming and cutting brush.....*Each, \$3.50*

STRAPPED EYE BUSH HOOKS



Best quality cast steel. Bronzed. Cutting edge ground and polished.

Medium Bush Hooks, Handled.....*Each, \$2.00*

CHAMPION SCYTHE BUSH HOOK



Fits any scythe snath. No special handle required. Made of carefully tempered steel, hardened in oil, ground sharp, ready for use, polished cutting edge, painted blue; length over all, 11½ inches.....*Each, \$1.00*

AMERICAN BILL HOOKS



Best quality cast steel. Bronzed. Cutting edge ground and polished.....*Each, \$2.50*

HATCHETS

Bronzed or painted. Bits polished.

Good Quality.

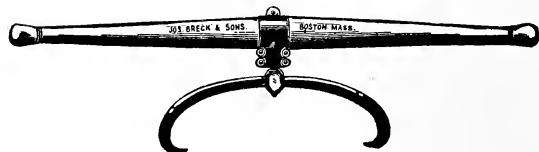
No. 1, Shingling Hatchets.....*Each, \$1.40*

No. 2, Shingling Hatchets.....*Each, 1.50*

AXE WEDGES

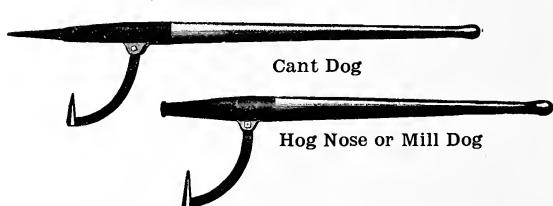
Used in handling axes in place of wooden wedges; malleable iron or steel.....*Each, \$0.10*

TIMBER CARRIERS or LUG HOOKS



Carefully selected rock maple stock, forged steel jaws. *Each, \$3.00*

PEAVEY PATENT CANT DOGS



Cant Dog

Hog Nose or Mill Dog

CANT DOGS

Straight line, with Driven Pick and Malleable Solid Socket. 2½ in. diameter.....*3½ ft. 4 ft. 4½ ft. 5 ft.*

Each.....\$2.35 \$2.45 \$2.55 \$2.65

HOG NOSE or MILL DOGS

Malleable Clasp Cant Hooks. Maple Handles.

2½ in. diameter.....*3 ft. 3½ ft. 4 ft.*

Each.....\$2.25 \$2.25 \$2.50

BRECK'S VICTOR AXES

(Black Polished Bitt)



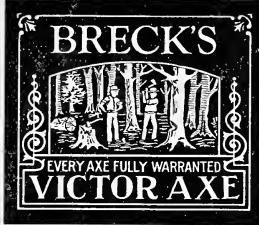
The Old Label

One of the above labels is on every axe.
Refuse to accept an axe without the label.

All Victor Axes are made perfectly uniform and symmetrical in shape as well as smooth by the use of patented forging machinery which our manufacturers only have exclusive right to use. All the steel is thoroughly refined by hand hammering. The tempering is made perfectly uniform by the employment of skilled temperers of long experience assisted by patent appliances which secure perfect heating and hardening.

The most celebrated axes in New England are "Breck's Victors" the best that can be produced.

These axes are made from the best materials. The iron is double refined; the steel is made by the old English method, from the best Swedish Dannemora Iron, and has no superior in quality and temper. The solid poles are punched from double refined iron, rendering the blade perfectly sound under the eye.



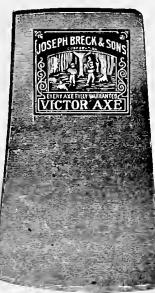
The New Label



Connecticut Pattern



Wide Wedge



Aroostook



Yankee



Jersey



Double Bitt Wedge



Double Bitt N. E.

Connecticut Pattern, Victor Axes

Weights: $2\frac{3}{4}$ pounds, 3 pounds, $3\frac{1}{4}$ pounds, $3\frac{1}{2}$ pounds.

Charcoal is the only fuel used in fixing the temper of Breck's Victor Axes. While this is the most expensive fuel, its great purity prevents injury of the steel in this very delicate process, which is often caused by the use of gas and other injurious flames. There are imitations of the Victor Axe, but the genuine Breck's Victor Axes have the label as well as the name "Breck's Victor" Axes stamped on every axe. Be sure to get the genuine.

Wide Wedge Pattern

Weights: $3\frac{1}{4}$ to 4 pounds.

Aroostook Wedge Pattern

Weights: $3\frac{1}{4}$ to 4 pounds.

Yankee Pattern

Weights: $2\frac{1}{2}$, $2\frac{3}{4}$, 3, $3\frac{1}{4}$, $3\frac{1}{2}$, $3\frac{3}{4}$, and 4 pounds.

Jersey Pattern

Weights: 3, $3\frac{1}{4}$, $3\frac{1}{2}$, $3\frac{3}{4}$, and 4 pounds.

Double Bitt Wedge Pattern

Weights: $3\frac{1}{4}$ to $3\frac{3}{4}$ pounds.

Double Bitt New England Pattern

Weights: $3\frac{1}{4}$ to $3\frac{3}{4}$ pounds.

Patterns and Weights

The different pattern axes used in New England are shown at left and are correct for the localities intended.

Base Weights

Prices given are for base weights which cover all axes not weighing over 42 pounds to the dozen. For heavier weights up to 48 pounds per dozen, add 50¢ per dozen.

All packed 1 dozen axes in box, assorted weights as ordered.

Breck's Victor Axes, Connecticut Pattern..... Each, \$2.00

Breck's Victor Axes, Wide Wedge Pattern..... Each, 2.00

Breck's Victor Axes, Aroostook Wedge Pattern..... Each, 2.00

Breck's Victor Axes, Yankee Pattern..... Each, 2.00

Breck's Victor Axes, Jersey Pattern..... Each, 2.00

Above Patterns handled with Extra Quality Handles Each, 2.75

Breck's Victor Axes, Double Bitt, Wedge Pattern... Each, 2.50

Breck's Victor Axes, Double Bitt New England Pattern Each, 2.50

Double Bitt Wedge and N. E. Pattern, handled with Extra Quality Handles..... Each, 3.25

BOYS' AXES



"Evansville" Boy Axes, Handled..... Each, \$2.00

HUNTER'S AXES



"Evansville" Hunter Axes. No. 2, 18 in. Handles. Each, \$1.65

"Evansville" Hunter Axes. No. 3, 20 in. Handles. Each, 1.70

BOYS' CAMP AXES

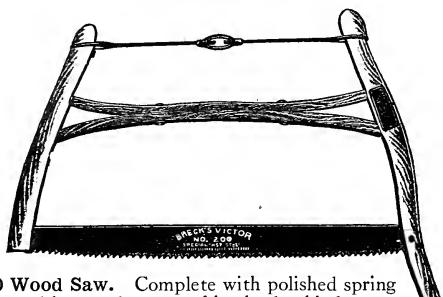
Evansville Camp Axes, "Scout" Pattern..... Each, \$1.65

BRECK'S CENTENNIAL SILVER STEEL AXES

Bronzed, Polished Bits

Our Centennial Axes are made up from imperfect Victor Axes, and are in every respect equal if not superior to any other unwarranted axe. Price on application.

BRECK'S WOOD SAWS



No. 50 Wood Saw. Complete with polished spring steel, round breasted, extra thin back, blades set and sharpened, ready for use. Best quality vermillion red frames. *Each*, \$1.20

No. 49 Wood Saw. Complete with narrow extra thin back, round breasted, blued clock-spring blades, set and sharpened ready for use. Best quality vermillion red frames. *Each*, \$1.20

DISSTON'S WOOD SAWS

No. 111 Wood Saw. Complete with Disston No. 11 round breast blade, $2\frac{3}{8}$ in. wide. Extra thin back, selected maple frame. *Each*, \$2.00

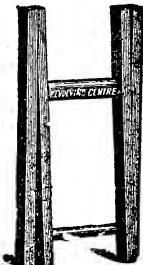
No. 45 Wood Saw. Complete with narrow, extra thin back, round breast blued clock-spring blades, walnut varnished frames. *Each*, \$1.50

SAW BLADES



Patent ground and tempered cast steel. Ready for use.
 Breck's No. 50. *Each*, \$0.60
 Breck's No. 49. *Each*, .60
 Disston No. 6 for No. 50, saws, polished. *Each*, .85
 Disston No. 45 for No. 45, saws, blued. *Each*, .75
 Disston No. 11 for No. 111, saws, polished. *Each*, 1.15
 Disston No. 56 for No. 222, saws, polished. *Each*, .80

SAW BUCKS



Closed



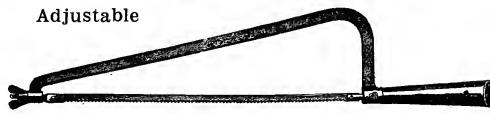
Open

No. 1. Folding. *Each*, \$0.60
 No. 1. Rigid. *Each*, .60

POLE PRUNING SAWS



Adjustable



Forest

No. 11. Adjustable Pole Pruning Saw. *Each*, \$2.00
 No. 10. Forest Pruning Saw. *Each*, 2.50

PRUNING SAW and CHISEL

This saw is designed for attachment to a pole; so that the upper branches of trees can be readily pruned without the aid of a ladder, the knife or saw being brought into use as may be required.
Each \$2.50

SINGLE and DOUBLE EDGE PRUNING SAWS



Extra refined spring-steel, polished blades, taper ground, thin back, beech handles, polished edges, three improved brass screws.
 No. 7. 18 in. Single Edge. *Each*, \$1.90
 No. 7. 20 in. Single Edge. *Each*, 2.00
 No. 7. 26 in. Single Edge. *Each*, 2.50
 No. 4. 18 in. Double Edge. *Each*, 2.00
 No. 4. 20 in. Double Edge. *Each*, 2.15

YORK STATE PRUNING SAW

20 inch. *Each*, \$1.85

PANEL SAWS



Full width cast steel warranted blades, patent ground and tempered, beech handles, polished edges, four improved brass screws.

No. 075. No. 7, thin back, 24 in. *Each*, \$1.75
 No. 075. No. 7, thin back, 26 in. *Each*, 2.00

TRIUMPH NARROW CROSS-CUT SAWS



Champion tooth. Without handles.

Each $4\frac{1}{2}$ ft. \$2.70 \$2.95 \$3.30

Toledo tooth. Without handles.

Each $4\frac{1}{2}$ ft. \$3.50 \$3.95 \$4.30

ONE MAN CROSS-CUT SAWS



With supplementary handles.

No. 2 Champion 3 ft. $3\frac{1}{2}$ ft. 4 ft. $4\frac{1}{2}$ ft.
Each \$3.25 \$3.75 \$4.30 \$4.40

Saws, longer than above, price on application.

CROSS-CUT SAW HANDLES

No. 103 Climax. *Per pair*, \$0.55
 No. 108 Heavy. *Per pair*, .60

WOOD SAW FRAMES

Common, all white. *Each*, \$.50
 Common, painted vermillion. *Each*, .65

SAW RODS



Clipper Saw Rods, 24 in. *Each*, \$.15
 Patent Duplex Rods, 24 in. *Each*, .30



No. 1



No. 1 1/2



No. 3

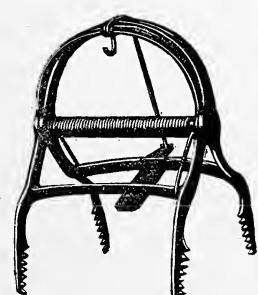
GAME TRAPS

Traps of extreme merit. For trapping Fur Bearing Animals. Mechanically perfect. Trappers will find every desirable mechanical feature embodied in the "Kangaroo" with all the faults of other makes completely eliminated.

	Each
No. 1. Coil Spring.....	\$.20
No. 2. Coil Spring.....	.40
Kangaroo No. 0. Single Spring <i>Rat</i>.....	.23
Kangaroo No. 1. Single Spring. <i>Muskrat</i>.....	.27
Kangaroo No. 1 1/2. Single Spring. <i>Skunk</i>.....	.38
Kangaroo No. 2. Single Spring. <i>Fox</i>.....	.59
Kangaroo No. 3. Double Spring. <i>Coon</i>.....	.79
Kangaroo No. 4. Double Spring. <i>Beaver</i>.....	.92
High Grip No. 115. <i>Muskrat</i>.....	.27
High Grip No. 215. <i>Woodchuck</i>.....	.44
High Grip No. 315. <i>Fox</i>	1.55
High Grip No. 315X. <i>Beaver</i>	1.75
High Grip No. 415. <i>Wolf</i>	3.65
High Grip No. 415X. <i>Bear</i>	3.25
Triple Clutch High Grip, No. 115X. <i>Muskrat</i>.....	.33
Triple Clutch No. 215X. <i>Wildcat</i>.....	.59
Triple Clutch Kangaroo, No. 1XK. <i>Skunk</i>.....	.37
Triple Clutch Kangaroo, No. 2XK. <i>Possum</i>.....	.77
Triple Clutch Kangaroo, No. 3XK. <i>Badger</i>	1.10

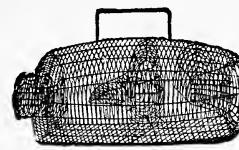
SELF SETTING MOLE TRAP

Many of our customers have written us that they have been greatly troubled with moles in their Lawns. The Self-Setting mole trap has many advantages over all others. It is designed and built right, easy to set without danger to operator, can be used in hot beds on account of its height, pedal can be set so sensitive that it is impossible for the mole to pass under the trap without being caught. It will catch when others fail. Practical field trials warrant us in saying that this is the best mole trap ever invented.

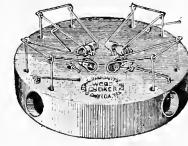


Full directions with each trap..... *Each, \$1.10*

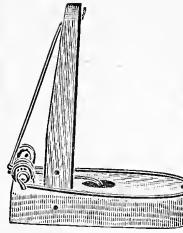
MOUSE and RAT TRAPS



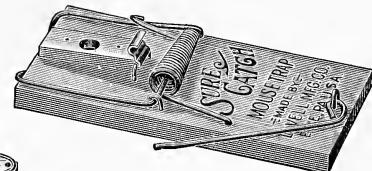
No. 5 American



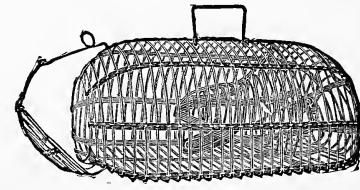
Choker



Erie



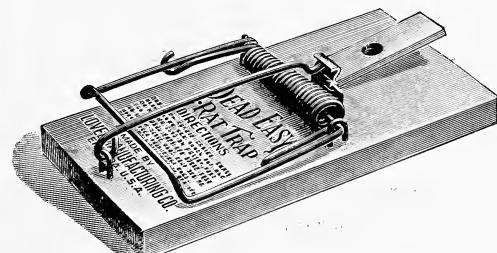
Sure Catch



American



Climax



Dead Easy

	Each
American. No. 5. Mouse Trap, 9 in. long.....	\$.55
Choker Mouse Trap. 4-Hole Wood.....	.15
Dead Easy Rat. Wood Trigger.....	.12
Victor Rat. Metal Trigger.....	.12
Sure Catch Mouse. Wood Trigger.....	.03
Victor Mouse. Metal Trigger.....	.03
American. Rat Trap, 15 in. long.....	.95
Climax. Rat Trap, 17 in. long.....	1.30
Erie. Rat Trap.....	.35

"FLEXIBLE FLYER" SLEDS



Coasting is by common consent one of the best sports. It is hard to find better fun than flying at breathless speed down a smooth hill covered with swift sleds; and he is a happy boy who rides the champion sled, "the fastest on the hill." The one great drawback of coasting with the ordinary old style sled has always been the steering, or the trying to steer, until a grown-up boy invented the Flexible Flyer, which has light runners of T-shaped spring steel, making them very strong vertically, but flexible sideways. This enables one to guide the sled by putting the feet on a steering bar, by which the runners may be curved and the sled steered to the right or left, as desired.

No.	Length	Height	Width	Weight	Each
1	36 in.	6 in.	12 in.	8½ lbs.	\$4.00
2	40 in.	6½ in.	13 in.	10 lbs.	5.00
3	45 in.	8½ in.	14 in.	14 lbs.	6.25
4	50 in.	8½ in.	14 in.	15½ lbs.	7.00
5	62 in.	8½ in.	16 in.	22 lbs.	9.25
Racer,	56 in.	6½ in.	16 in.	16 lbs.	6.75
Junior Racer,	49 in.		12 in.	10½ lbs.	5.50

"FIRE FLY" COASTERS

No.	Length	Height	Width	Weight	Each
9	32 in.	6 in.	11 in.	7 lbs.	2.50
10	36 in.	6 in.	12 in.	8 lbs.	3.00
11	40 in.	6½ in.	13 in.	9½ lbs.	3.75
12	45 in.	7 in.	14 in.	13 lbs.	4.25
Racer,	49 in.	6 in.	12 in.	10½ lbs.	4.40

"SPEEDWAY" SLEDS

No.	Length	Width	Height	Weight	Each
100.	32 inches long,	2 knees			2.00
150.	36 inches long,	2 knees			2.50
200.	40 inches long,	2 knees			3.00
250.	44 inches long,	2 knees			3.50

HOOPER SNOW SHOVELS



About nine-tenths of the snowfall during our Winter is so light that large quantities can be handled easily and to advantage by the use of one of these snow shovels on runners. One man can do the work of five men with ordinary shovels, as all lifting and throwing snow is done away with, the load being carried on runners to where it is to be dumped. For sidewalks, driveways, yards or roofs it is unequalled. The shovels are light, strong and durable, and have met with great success where introduced.

2¾×2¾ feet.	Each, \$9.00
2½×2½ feet.	Each, 8.50
2×2 feet.	Each, 6.50

WOOD SNOW SHOVELS



Men's Steel Tip Snow Shovels.	Each, \$1.00
Men's Malleable Iron Tip Snow Shovels.	Each, 1.10
Boys' Steel Tip Snow Shovels.	Each, .45
Breck's Sidewalk Snow Shovels, extra heavy,	Each, 1.25

MASSACHUSETTS SNOW SHOVELS



Long Handle Steel Snow Shovels.	Each, \$1.00
Malleable D Handle Steel Snow Shovels.	Each, 1.05

GALVANIZED STEEL SNOW SHOVELS

Split Wood D Handle, 21 in. × 16 in.	Each, \$1.45
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SNOW PUSHERS

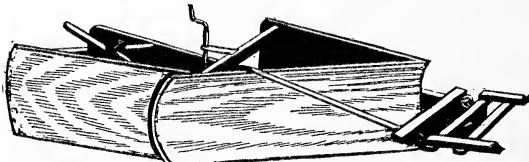
Crucible Steel Curved Blade, 24 in. × 5½ in. Handled.	
Each.	\$2.50

SIDEWALK CHISELS



For removing frozen snow and ice from sidewalks.	
No. OSC. Excelsior Sidewalk Chisels.	Each, \$1.00
No. 3½C. Socket Sidewalk Chisels.	Each, 1.25
No. 700. Shank Sidewalk Chisels.	.60

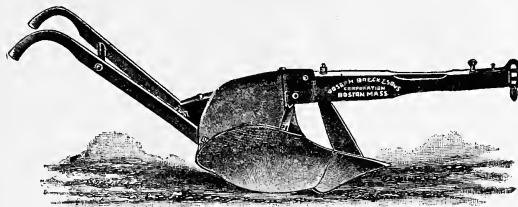
BRECK'S SIDEWALK SNOW PLOW



The best sidewalk plow offered. It has an adjustable wing which makes it adapted to wide or narrow walks. Wing can be quickly thrown in or out in passing trees without stopping horse. It is also arranged so it can be raised, making it easy to go over rough walks, curbstones, or in turning. Can be built any width ordered.

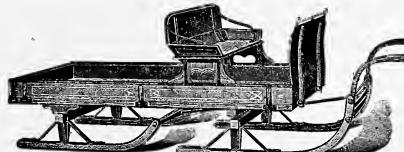
No. 1. Extreme width open, 4 ft. 6 in.	Each, \$100.00
No. 2. Extreme width open, 5 ft. 3 in.	Each, 110.00
No. 3. Extreme width open, 6 ft.	Each, 120.00

BRECK'S GUTTER SNOW PLOW



We are assured by the Superintendents of Streets in a number of nearby towns and cities that the Breck's Gutter Plow with Snow Mouldboard is far superior to any other for design, durability, and the work accomplished. Attention is particularly called to the method of locking point and coulter together, thereby bracing the whole structure. With the snow mouldboard removed, the Breck Gutter Plow is suitable for road work or meadow plowing. *Each, \$35.00*

EXPRESS and DELIVERY PUNGS



Medium Pung: Body 8ft. long, 42 in. wide. White ash frame seat and dash; 6 in. removable sides; oak steam bent runners, $1\frac{1}{2} \times 2\frac{1}{4}$ in.; steel shoes, $1\frac{5}{8}$ in. wide.

Complete with Shafts *Each, \$55.00*

Heavy Pung: Body 9 ft. long, 44 in. wide. White ash frame, seat and dash; 10 in. removable sides; oak steam bent runners $1\frac{1}{8} \times 2\frac{1}{8}$ in.; steel shoes, $2\frac{1}{8}$ in. wide.

Complete with Shafts or Pole to order only *Each, \$65.00*

CONCORD SAP SPOUTS

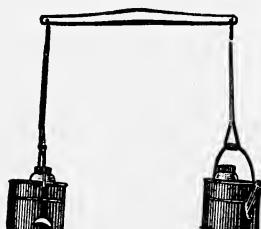
The common spout use largely in New Hampshire and Vermont. Only the best quality of wood and steel used in its construction.

Concord Spouts, complete with hook *Per 1000, \$15.00*

Concord Spouts, hooks only *Per 1000, 6.00*

Concord Spouts, woods only *Per 1000, 9.00*

SAP or MILK YOKES



A very convenient arrangement for carrying two pails of milk, sap, water, etc. Recommended by the largest dairies and maple sugar orchards. Well made and durable *Each, \$1.50*

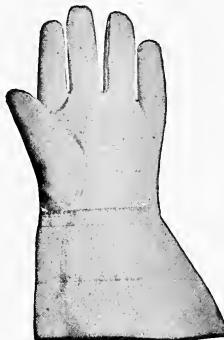
GLOVES



K85



K839



L50



K60



K70



K400

No.		Pair
K85.	Child's Jersey Knit Wristers.....	\$0.25
K5.	Child's Jersey Mittens.....	.20
K30.	Ladies' and Boys' Knit Wristers.....	.25
K839.	Light Weight, Men's Knit Wristers.....	.20
K235.	Medium Weight, Men's Knit Wristers.....	.25
K40.	Heavy Weight, Men's Knit Wristers.....	.35
L50.	Men's With Gauntlets.....	.35
L225.	Men's With Gauntlets, Leather Palms.....	.60
K217.	Leather Palm, Medium Weight Men's Knit Wristers.....	.45
K60.	Leather Palm, Heavy Weight, Men's Knit Wristers.....	.60
K440.	Extra heavy Brown Jersey.....	.55
K195.	Ladies' and Boys' Mixed Color Jersey Knit Wristers.....	.25
K400.	Men's Mixed Color Jersey Knit Wristers.....	.30
K430.	Men's Extra Heavy Mixed Color Jersey Knit Wristers.....	.55
K245.	Men's Seal Brown Jersey Knit Wristers.....	.30
K70.	Men's Mittens, Jersey Knit Wristers.....	.35
K953.	Men's Mittens, Mixed Color, Knit Wristers.....	.40
K155.	Men's Mittens, Leather Palm, Knit Wristers.....	.60

GARDEN GLOVES

Specially made for garden use. Men's Gauntlet, 85 cents per pair. Ladies' Gauntlet, 75 cents per pair.

LADDERS

Extension



20 ft.,	\$12.00
22 ft.,	13.00
24 ft.,	14.00
25 ft.,	14.75
26 ft.,	15.25
28 ft.,	16.00
30 ft.,	17.00
32 ft.,	19.20
34 ft.,	21.25
35 ft.,	22.00
36 ft.,	22.75
38 ft.,	23.75
40 ft.,	26.00
42 ft.,	28.50
44 ft.,	30.00
45 ft.,	31.00
46 ft.,	32.00
48 ft.,	34.00
50 ft.,	37.00

Plank

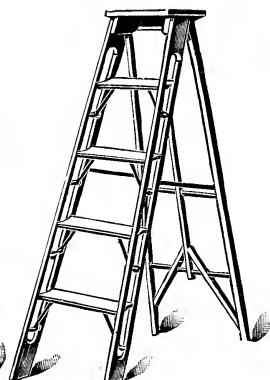
10 ft.,	\$3.75
11 ft.,	4.10
12 ft.,	4.50
13 ft.,	4.75
14 ft.,	5.25
15 ft.,	5.50
16 ft.,	5.75
17 ft.,	7.00
18 ft.,	7.50
19 ft.,	8.00
20 ft.,	8.50
22 ft.,	10.50
23 ft.,	11.00
24 ft.,	11.50
25 ft.,	12.00



STEP LADDERS



Gem



Hub

Gem. 3 ft. to 10 ft. *Per ft.*, \$0.67

Hub. 3 ft. to 10 ft. *Per ft.*, .88

STEP LADDERS



Paris

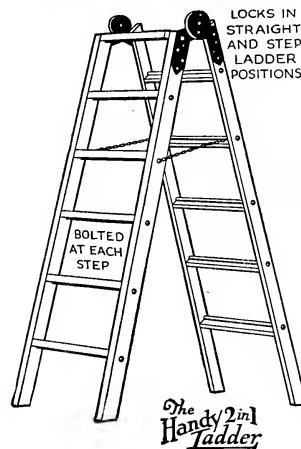


Challenge

Paris. 3 ft. to 8 ft.	<i>Per ft.</i> , \$0.85
3 ft. to 10 ft.	<i>Per ft.</i> , \$1.10
11 ft. to 16 ft.	<i>Per ft.</i> , 1.50

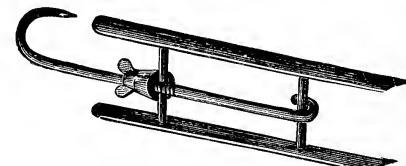
HANDY 2-IN-1 LADDER

LOCKS IN
STRAIGHT
AND STEP
LADDER
POSITIONS

The Handy 2 in 1
Ladder

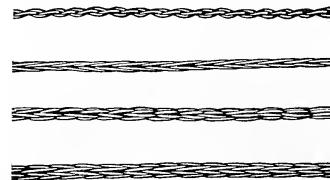
4 Foot Step Ladder or 8 Foot Straight.	<i>Each</i> , \$3.80
5 Foot Step Ladder or 10 Foot Straight.	<i>Each</i> , 4.75
6 Foot Step Ladder or 12 Foot Straight.	<i>Each</i> , 5.70
8 Foot Step Ladder or 16 Foot Straight.	<i>Each</i> , 7.60

ADJUSTABLE LADDER HOOK



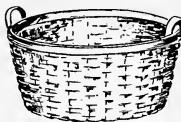
Can be attached and detached instantly; is indispensable in case of fire, or repairs on building. *Each*, \$1.20

PICTURE CORD



No. 0. Tinned, 25 ft.	<i>Each</i> , \$0.05
No. 1. Tinned, 25 ft.	<i>Each</i> , .05
No. 2. Tinned, 25 ft.	<i>Each</i> , .10
No. 3. Tinned, 25 ft.	<i>Each</i> , .10

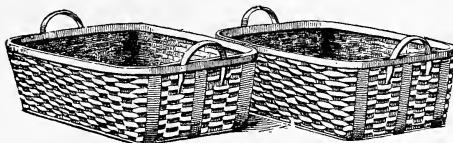
CLOTHES BASKETS



Round Ash



Oval Willow



Oblong Ash

Round Ash

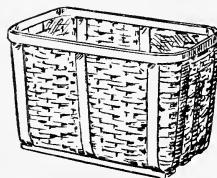
	Each	Each
Common, 10×22 in.	\$1.00	
Best 10×24 in.	1.35	

Oblong Ash

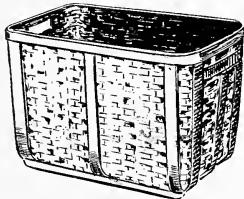
No. 3. 10×18×28 in.	\$2.15
No. 4. 10×20×30 in.	2.40
No. 5. 10×22×32 in.	3.00

Oval Willow

Small.....	\$1.40
Medium.....	1.60
Large.....	1.75
Extra Large.....	2.00



Laundry



Mill

LAUNDRY BASKETS

Each

2 Bu. 12×16×25 in.	\$3.50
3 Bu. 13×20×30 in.	4.25
4 Bu. 17×20×30 in.	5.25
5 Bu. 19×20×30 in.	6.50
6 Bu. 20×22×32 in.	8.25
8 Bu. 25×22×32 in.	11.00
10 Bu. 25×25×36 in.	13.00
Board Cover, 2 to 5 bu.	2.40
Board Cover, 6 to 12 bu.	2.90

OBLONG MILL BASKETS

2 Bu. 12×16×25 in.	\$4.25
3 Bu. 13×20×30 in.	5.25
4 Bu. 17×20×30 in.	6.25
5 Bu. 19×20×30 in.	7.50
6 Bu. 20×22×32 in.	9.25
8 Bu. 25×22×32 in.	12.75
10 Bu. 25×25×36 in.	17.50
12 Bu. 30×25×36 in.	22.00

ASH BASKETS



Market Baskets, Hole Handle, Strapped

No. 1. Approx. Capacity $\frac{1}{4}$ bu., 6 \times 10 $\frac{1}{2}$ \times 18 in.	\$0.90
No. 2. Approx. Capacity $\frac{1}{2}$ bu., 6 $\frac{1}{2}$ \times 12 \times 21 in.	1.00
No. 3. Approx. Capacity $\frac{3}{4}$ bu., 7 \times 13 \times 23 in.	1.20
No. 4. Approx. Capacity 1 bu., 8 \times 15 \times 24 in.	1.45

ASH BASKETS



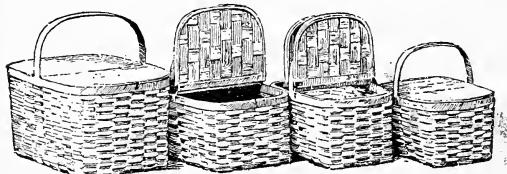
Market Baskets, Bail and Strapped

No. 1. Approx. Capacity $\frac{1}{4}$ bu., 6 \times 10 $\frac{1}{2}$ \times 18 in.	\$.95
No. 2. Approx. Capacity $\frac{1}{2}$ bu., 6 $\frac{1}{2}$ \times 12 \times 21 in.	1.10
No. 3. Approx. Capacity $\frac{3}{4}$ bu., 7 \times 13 \times 23 in.	1.30
No. 4. Approx. Capacity 1 bu., 8 \times 15 \times 24 in.	1.50

Market Baskets, with Iron-Bound Bail and Strapped

No. 1. Approx. Capacity $\frac{1}{4}$ bu., 6 \times 10 \times 18 in.	\$1.30
No. 2. Approx. Capacity $\frac{1}{2}$ bu., 6 $\frac{1}{2}$ \times 12 \times 21 in.	1.40
No. 3. Approx. Capacity $\frac{3}{4}$ bu., 7 \times 13 \times 23 in.	1.60
No. 4. Approx. Capacity 1 bu., 8 \times 15 \times 24 in.	1.80

ASH COVERED BASKETS, NOT STRAPPED



Single or Double

No. 2. 6 \times 6 $\frac{1}{2}$ \times 10 in., Single cover only	\$.95
No. 3. 6 $\frac{1}{2}$ \times 7 \times 11 $\frac{1}{2}$ in., Single or double cover	1.05
No. 4. 6 $\frac{1}{2}$ \times 8 $\frac{1}{2}$ \times 14 in., Single or double cover	1.20
No. 5. 7 $\frac{1}{2}$ \times 9 \times 15 $\frac{1}{2}$ in., Single or double cover	1.40
No. 6. 8 \times 10 \times 17 in., Single or double cover	1.50
No. 7. 8 $\frac{1}{2}$ \times 11 $\frac{1}{2}$ \times 19 in., Single or double cover	1.90
No. 8. 9 $\frac{1}{2}$ \times 13 $\frac{1}{2}$ \times 22 $\frac{1}{2}$ in., Single or double cover	2.10

BAMBOO BASKETS



Market Baskets, Strapped

Block Handle

No. 1. Approx. Capacity $\frac{1}{4}$ bu., 6 \times 10 $\frac{1}{2}$ \times 18 in.	\$1.10
No. 2. Approx. Capacity $\frac{1}{2}$ bu., 6 $\frac{1}{2}$ \times 12 \times 21 in.	1.25
No. 3. Approx. Capacity $\frac{3}{4}$ bu., 7 \times 13 \times 23 in.	1.50
No. 4. Approx. Capacity 1 bu., 8 \times 15 \times 24 in.	1.85

Stiff Bail

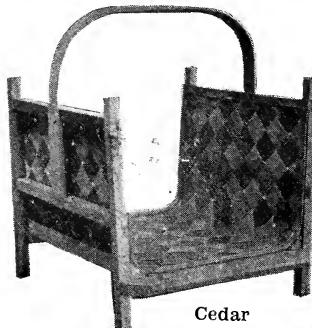
No. 1. Approx. Capacity $\frac{1}{4}$ bu., 6 \times 10 $\frac{1}{2}$ \times 18 in.	1.25
No. 2. Approx. Capacity $\frac{1}{2}$ bu., 6 $\frac{1}{2}$ \times 12 \times 21 in.	1.35
No. 3. Approx. Capacity $\frac{3}{4}$ bu., 7 \times 13 \times 23 in.	1.50
No. 4. Approx. Capacity 1 bu., 8 \times 15 \times 24 in.	1.90

DIAMOND MARKET BASKETS

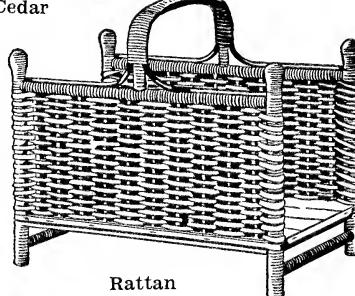


Diamond, Approx. Capacity, $\frac{1}{2}$ bu., 6 $\frac{1}{2}$ \times 11 $\frac{1}{2}$ \times 18 in. \$0.20

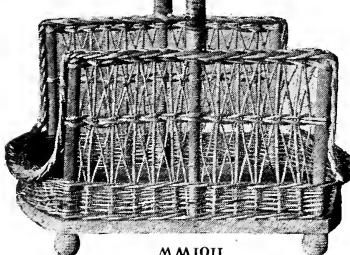
WOOD BASKETS



Cedar



Rattan



Willow

	Each
Cedar. No. 1	\$1.15
Rattan. No. 189.	\$3.75
Willow. No. 318.	\$3.75

OAK NAILED RIM BASKETS



4 Bushel



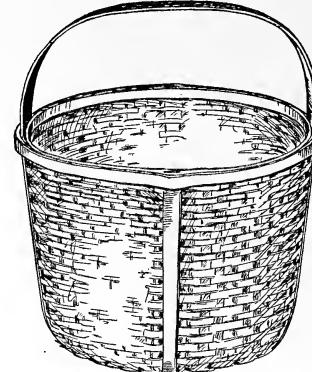
1/2 Bushel



1/4 Bushel

	Each
No. 1. 4 bushels, strapped.	\$4.40
No. 1. 3 bushels, strapped.	3.65
No. 1. 2 bushels, strapped.	2.50
No. 2. 2 bushels, strapped.	2.20
No. 1. 1 1/2 bushels, strapped.	2.20
No. 2. 1 1/2 bushels, strapped.	1.85
No. 1. 1 bushel, strapped.	1.60
No. XX. 1 bushel, strapped.	1.25
No. XXX. 1 bushel, strapped.	1.15
No. 1. 1/2 bushel, stiff bail.	1.00
No. 1. 1/4 bushel, stiff bail. . . . .	.85
No. 1. 3/2 bushel, drop bail. . . . .	.95
No. 1. 3/4 bushel, drop bail. . . . .	.75

SPECIAL MARKET GARDEN



	Each
Heavy 1/2 Bushel drop bail.	\$1.50
Heavy 1/2 Bushel stiff bail.	1.50
Heavy 3/4 Bushel stiff bail.	1.65

OAK BOUND RIM BASKETS

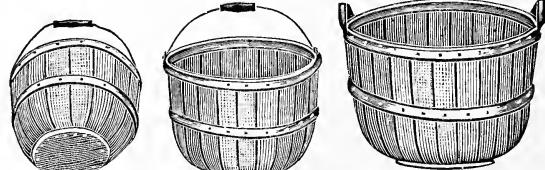


Shepard extra, 1/2 Bushel.	Each	\$1.75
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Shepard 1 Bushel.	Each	\$1.90
Shepard 2 Bushel.	Each	3.75

OXFORD BASKETS

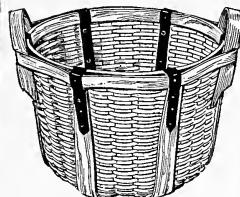


	Each
1/4 Bushel, Drop Bail.	\$.70
1/2 Bushel, Drop Bail. . . . .	.75
1 Bushel, Drop Bail.	1.10
1 1/2 Bushel, Drop Bail.	1.50
2 Bushel, Drop Bail.	1.85
3 Bushel, Drop Bail.	2.50
4 Bushel, Drop Bail.	3.00

COAL BASKETS



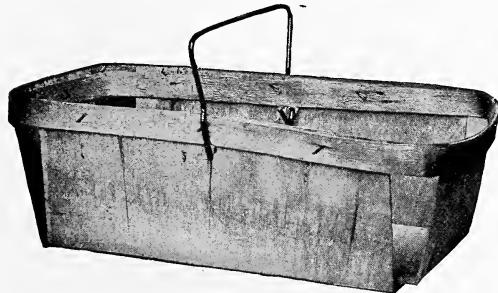
12 inch Bound Rim



Heavy Riveted and Strapped

	Each
12 Inch Bound Rim, Extra Oak Strapped.....	\$2.40
Superior, 1 Bushel, Oak, Heavy Riveted and Strapped.....	3.30
Superior, 1½ Bushel, Oak, Heavy Riveted and Strapped.....	3.80
Superior, 2 Bushel, Oak, Heavy Riveted and Strapped.....	4.40
Navy 1 Bushel, Bamboo, Heavy Riveted and Strapped.....	3.40

PLANT and PANSY BASKETS



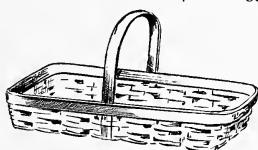
2 Quart Size. U. S. A. Standard

Suitable for Pansies, Verbenas, Tomatoes and other small plants. Well made. Wire handles, packed 500 baskets to a crate, including handles. U. S. Standard Sizes. *Per C Per M*

2 quart size.....	\$3.00	\$27.00
3 quart size.....	4.00	33.00



Berry



Strawberry Picking

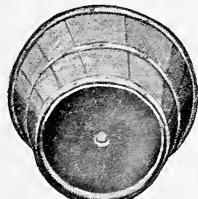
BERRY BASKETS

	Per C
Extra D. G. 1 Quart, Dark and Light Stock.....	\$1.25
Close Corner, 1 Quart, Dark and Light Stock.....	1.35
Oblong, 1 Pint, Light Stock.....	1.25
Metal Top, 1 Quart.....	1.20

STRAWBERRY PICKING BASKETS

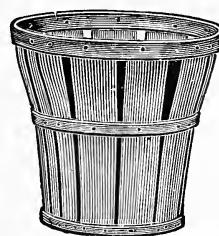
No. 2. 6 Boxes.....	\$.85
No. 3. 8 Boxes.....	.95

PEACH BASKETS

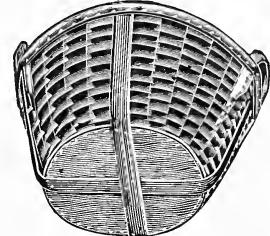


Per C
\$7.00

4 Quart Pony.....



Peach



Ice

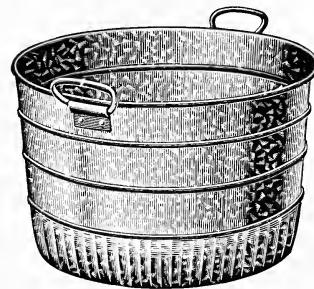
PEACH BASKETS

	Each
14 Quart.....	\$.10

ICE BASKETS

9 in. Wood Bottom.....	\$0.85
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GALVANIZED IRON BASKET



	Each
1 Bushel.....	\$1.00
1½ Bushel.....	1.50

MONTICELLO GALVANIZED STEEL BASKET



Extra Heavy with Iron Handles and Double Bottom.
1 Bushel..... *Each*, \$1.50

NEW ENGLAND SHOPPING BASKETS



	Each
No. 1. 12¾×8½×5½ in. deep. Plain Striped.....	\$0.55
No. 2. 16 ×9¾×6 in. deep. Plain Striped.....	.60
No. 3. 16 ×11 ×7 in. deep. Plain Striped.....	.70

SCRUB BRUSHES



House



Single Pointed



Yankee



Palmetto Duck

Handy House Brush

Each

White tampico, with handle.....	\$0.10
White tampico, no handle.....	.05

Single Pointed

No. 0. 5 row, white tampico, with handle.....	\$0.20
No. 1. 5 row, white tampico, with handle.....	.25
No. 2. 5 row, gray tampico, with handle.....	.25
No. 3. 6 row, white tampico, with handle.....	.30
No. 4. 6 row, gray tampico, with handle.....	.35

Yankee

No. 1. Palmetto.....	\$0.45
No. 2. White tampico.....	.45

Palmetto Duck

Duck.....	\$0.30
No. 103. Duck style.....	.25



Palmetto Goose

Goose.....	\$0.35
No. 104. Goose style.....	.30



Palmetto Hub

Hub.....	\$0.35
No. 81. Hub style.....	.30



Palmetto Alligator

Alligator.....	\$0.40
No. 109. Alligator style.....	.35

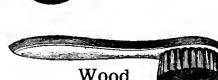


Palmetto Neptune, with Handle

Neptune.....	\$1.00
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People's



Wood



Shoe Brush

DAUBERS
Wood Handled

No. 1. Horse Hair.....	\$0.20
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People's

Metal handle.....	\$0.25
Royal metal handle.....	.35

SHOE BRUSHES

No. 127. Tampico.....	\$0.25
No. 280. Bristle.....	.50
No. 230. Bristle.....	.75



Flat Bass



Leader



Y. R. Wire



Cleaner

Flat Bass

Flat with wood handle.....	Each
No. 4.....	\$0.15

\$0.15

Y. R. Wire

Wire.....	Each
With wood handle.....	\$0.05

Leader

Magic

\$0.10

SINK CLEANERS



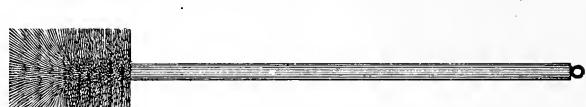
No. 38. Bristle.....	\$0.50
No. 39. Bristle.....	.60
No. 41. Bristle.....	.70
Wool. 2 1/4×5 in., Straight Back.....	.12

POLISHING BRUSHES



Bristle.....	\$0.55
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MILK BOTTLE BRUSHES



Bristle.....	\$0.60
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MILK CAN BRUSHES



Bristle.....	\$0.60
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MILK CAN SWAB



Handle 19 in., mop 5 in.....	\$0.20
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TOILET BOWL BRUSHES



Wood handle bristle.....	\$0.60
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BRUSHES

Ball Socket Scrub Brush



Window Brush



Stove Brush



Whitewash Bush



Counter Brush



Floor Brush

Ball Socket Scrub Brush Each

3 cornered white Tampico.....	\$1.50
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Window Brushes

No. 1. Gray set bristle.....	\$0.60
No. 2. Gray set bristle.....	.70
No. 3. Gray set bristle.....	.85
No. 1. Drawn bristle, White outside.....	1.65
No. 2. Drawn bristle, White outside.....	1.95
No. 3. Drawn bristle, White outside.....	2.00
No. 50. Horse hair.....	.75
No. 60. Horse hair.....	.90

Whitewash Brush

No. 20. Puck, 7 in., gray tampico horse hair outside.....	\$0.45
No. 30. Puck, 8 in., gray tampico horse hair outside.....	.55
No. 40. Puck, 9 in., gray tampico horse hair outside.....	.65
No. 7. Beauty, 7 in., white tampico bristle outside.....	.75
No. 8. Beauty, 8 in., white tampico bristle outside.....	.85
No. 9. Beauty, 9 in., white tampico bristle outside.....	1.00
No. 2. Climax, 7 in., bristles.....	1.20
No. 3. Climax, 8 in., bristles.....	1.45
No. 4. Climax, 9 in., bristles.....	1.65

Counter Brushes

No. 2. X. Gray bristle.....	\$0.50
No. 3. X. White outside bristle.....	.60
No. 4. X. White outside bristle.....	.65
No. 2. IXL. White outside bristle.....	.60
No. 3. IXL. White outside bristle.....	.85
No. 4. IXL. White outside bristle.....	.95
No. 5. IXL. White outside bristle.....	1.00
No. 8. Polished block.....	.55
No. 9. Polished block.....	.75

Stove Brushes

No. 62. Straight back, black tampico.....	\$0.25
No. 88. Curve back, gray tampico.....	.45
No. 41. Curve back, black bristle.....	.40
No. 264. Curve back, black bristle.....	.35
No. 55. Curve back, black bristle.....	.50
Wool, $2\frac{3}{4} \times 5$ in., straight back.....	.12

Floor Brushes

No. 6. IXL. Gray bristle, white outside.....	\$1.80
No. 8. IXL. Gray bristle, white outside.....	2.45
No. 10. IXL. Gray bristle, white outside.....	2.75
No. 12. IXL. Gray bristle, white outside.....	3.25
No. 13A. in. Bristles.....	3.40
No. 14A. in. Bristles.....	3.50
No. 16A. in. Bristles.....	5.25
No. 18 in. Bristles.....	5.65
No. 20. in. Bristles.....	6.50
No. 24. in. Bristles.....	8.00



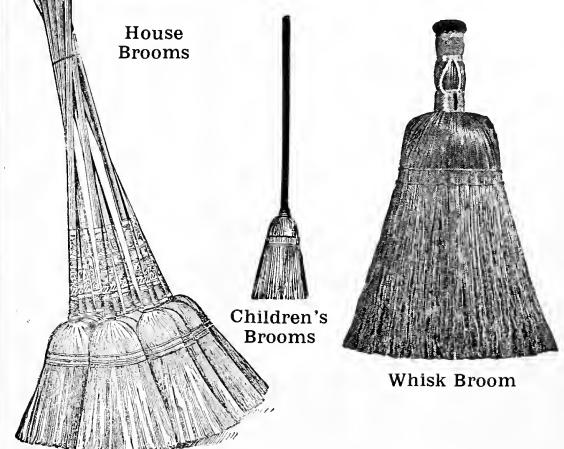
Horse Brush

HORSE BRUSHES		Each
No. 070.	Gray tampico fibre.....	\$0.60
No. 105.	Gray tampico fibre.....	1.15
No. 129.	Black bristle.....	1.15
No. 414.	Mixed gray bristle and fibre.....	1.75

DANDRUFF BRUSHES

No. 415.	Tampico.....	\$0.60
	Imperial	.90
	Imperial, Rice Root.....	\$0.65
No. 125.	African Palmetto	.35
No. 65.	Palmetto.....	1.00

BROOMS

Children's Brooms Each

No. 2. Sewed.....	\$0.25				
House Brooms					
No.	Quality				
6	Little Gem	4th	4	Varnished.....	\$0.80
6	Breck's Special	3d	4	Varnished.....	.90
7	Breck's Special	3d	5	Varnished.....	1.00
8	Breck's Special	3d	6	Varnished.....	1.10
6	Lily	3d	4	Bamboo.....	1.00
6	New England	2d	4	Varnished.....	1.05
7	New England	2d	5	Varnished.....	1.15
6	Apple Blossom	1st	4	Varnished.....	1.25
7	Apple Blossom	1st	5	Varnished.....	1.30

Corn Stable Brooms	
No. 9. Plain.....	\$1.20
No. 9. Rattan Mixed.....	1.20

Whisk Brooms	
No. 21. 11 in., Medium quality, 2 sewed, plush cap.....	\$0.50
No. 6. 10 in. Medium quality, 2 sewed, nickel cap.....	.45
No. 6. O.K., 10 in. extra fine, 2 sewed, plush cap.....	.55
No. 1. 11 in. Extra Fine, 3 sewed, plush cap.....	.60

RATTAN BROOMS

RATTAN BROOMS	
<i>The Old-Time Pattern Co.</i>	
Contractor	
Alden	
Prices include bangle.	Each
Upright Rattan Broom, Alden Pattern.....	\$0.85
"Special Contractors" Rattan Broom 5 Row, Extra Heavy, 16 in.....	1.85
Contractor's Rattan Broom, Extra Heavy, 16 in., with Steel Scraper.....	2.40
Contractor's Bass Broom, 14 in., 4 Row.....	1.80

DISH MOPS



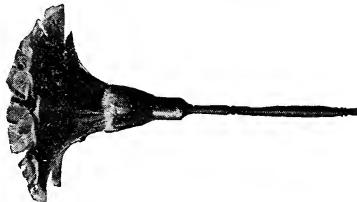
	Each
No. 2. Cotton.....	\$.05
No. 4. Cotton.....	.10

SOAP SHAKER



Soap Shaker.....	\$.15
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BELL DUSTERS



	Each		Each
5 in.	\$.25	13 in.	\$.90
6 in.35	14 in.	2.25
7 in.50	15 in.	2.80
8 in.60	16 in.	3.00
9 in. ....	.75	18 in.	3.45
10 in.	1.00	20 in.	3.85
11 in.	1.20	22 in.	4.15
12 in.	1.50	24 in.	4.50

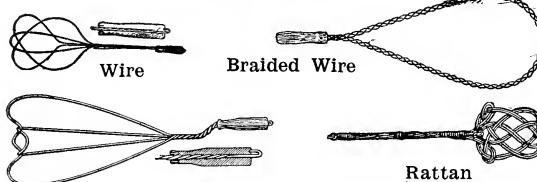
TURKEY DUSTERS

	Each
10 in. Black Feather.	\$.70
12 in. Black Feather. ....	.80
14 in. Black Feather.	1.00
16 in. Black Feather.	1.15
No. 9 Picture. ....	.50

WOOL DUSTERS

No. 4.....	Each, \$.15
No. 6.....	Each, \$.15

RUG BEATERS



Wire Rug Beater

Wire, No. 12, small.....	\$.20
Wire, No. 11, large.....	.25
Wire, No. 23.....	.10

Rattan

Z-32. Rattan.....	\$.45
Z-41. Rattan.....	.65

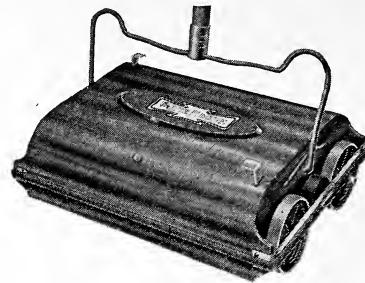
Braided Wire Carpet Beater

Braided Wire.....	\$.15
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B XXXX. A DUST ABSORBER

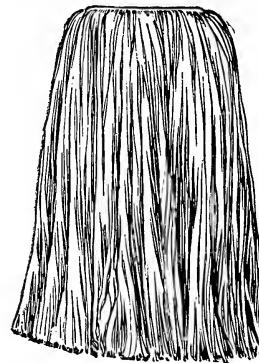
	Per lb.
In 25 lb. cans.....	\$.05
In 50 lb. cans.....	.04 $\frac{1}{2}$
In 150 lb. bbls.....	.04 $\frac{1}{2}$
In 250 lb. bbls.....	.04 $\frac{1}{2}$

WHITEHOUSE CARPET SWEEPERS



With steel case, sanitary..... Each, \$.75

WET FLOOR MOPS



Cotton Twine



Yacht or Hardwood Floor

Alpha Cotton Twine

	Each
9 Lb.	\$.40
12 Lb. ....	.55

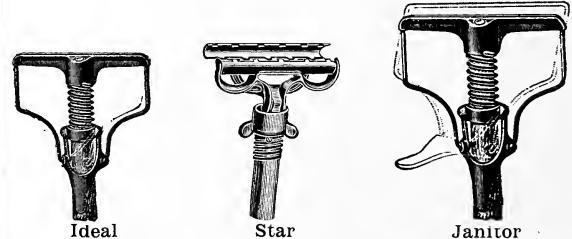
Extra Fine Twine

9 Lb. ....	.50
12 Lb. ....	.70
15 Lb. ....	.85

Yacht or Hardwood Floor

No. 1.....	.55
Best.....	.70
Red Polished Handle.....	.80
Absorbing.....	.70
Absorbing, Red Polished Handle.....	.95

MOP and BRUSH HOLDER

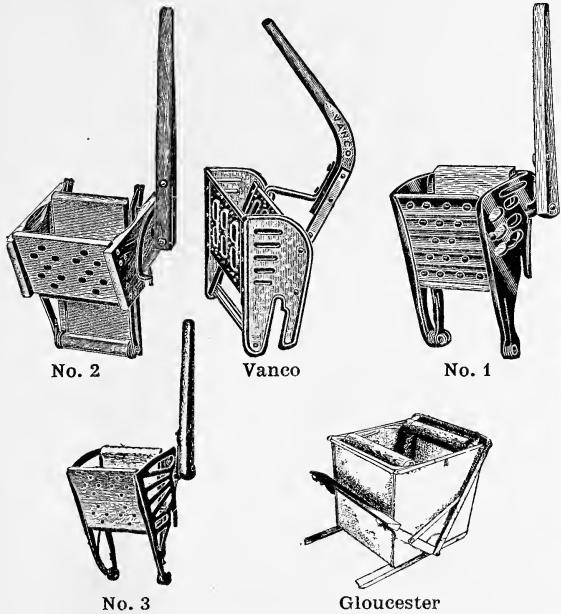


Ideal.....	\$.20
Star Brush.....	.35
Janitor.....	.35

SQUILGEES

16 in., pure rubber.....	\$.80
20 in., pure rubber.....	.95

MOP WRINGERS

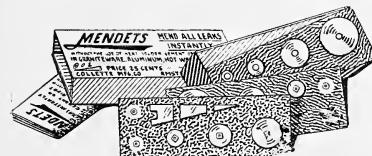


	White Perfection	Each
No. 2. Family.....	.....	\$2.65
No. 3. Family.....	.....	3.25
No. 1. Hotel.....	.....	4.00
	Vaneo	
No. 88. Family.....	.....	3.50
No. 89. Hotel.....	.....	5.00
	Gloucester	
Family.....	.....	4.00
Hotel.....	.....	5.25



DUST PANS

Common Japanned.....	.....	\$0.12
No. 0. Japanned, steel edge.....	.....	.25
No. 1. Japanned, steel edge.....	.....	.50
No. 21. Japanned, extra heavy.....	.....	.75



Mendets



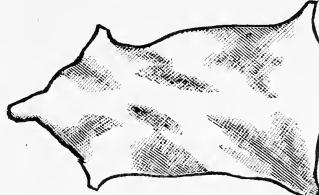
Mystic Mit

MENDETS

Small Size for Mending Tin and Agate Ware.....	\$0.10
Large Size, for Mending Tin and Agate Ware.....25

MYSTIC MITTS

Mystic Mit	\$0.10
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CHAMOIS SKINS

	Each
H. 12×16 in.....	\$0.45
J. 14×18 in.....	.75
L. 16×21 in.....	1.00
N. 18×24 in.....	1.25
O. 23×27 in., oiled,.....	1.90

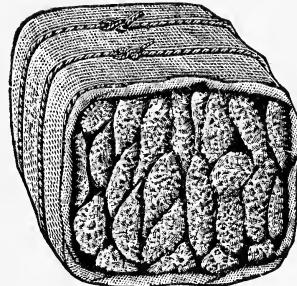
SPONGE CLOTHS



White Soft Woven Cloths. For Face, Dust and Dishes.

Light, 14×14 in.....	.....	\$0.05
Light, 15×19 in.....	.....	.10
Heavy, 16×20 in.....	.....	.15
Dust No. 2, 30×36 in., Black Absorbing.....	.....	.25

SPONGES



	Each	
Abica Sheep Wool for Harness.....	\$0.20
Yellow Wool, cut 8 to 9 to the lb.....40
Cuba Sheep Wool Form, 13 to 14 to the lb.....85
Florida Sheep Wool Form, 13 to 14 to the lb.....	1.20
Rock Island, Wool Sheep, cuts 8 to 9 to the lb.....	1.75

THREE-IN-ONE-OIL



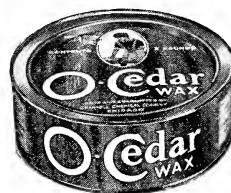
1 Oz. Three In One Oil, .....	.....	Each, \$0.15
3 Oz. Three In One Oil, .....	.....	Each, .30
Handy Can, .....	.....	Each, .30

O-CEDAR MOPS



	Each
No. 10. Battleship.....	\$1.75
No. 4. Small.....	1.25

O-CEDAR POLISH



	Each
4 Oz. bottle Polish.....	\$.30
12 Oz. bottle Polish.....	.60
Quart Can.....	1.25
½ Gallon Can Polish.....	2.00
1 Gallon Can Polish.....	3.00
O-Cedar Floor Wax. In 1 lb. cans.....	.75



SHI-NUP BRASS POLISH

	Each
½ Pint.....	\$.25
1 Pint.....	.40
1 Quart.....	.70
1 Gallon.....	2.00

SHI-NUP SILVER POLISH

For Cleaning Silver, Gold, Diamonds, Porcelain, Woodwork, Glass and Enamel

	Each
½ Pint.....	\$.25
1 Pint.....	.45
1 Quart.....	.65
1 Gallon.....	1.50

LIQUID VENEER POLISH

	Each
4 Oz. bottle.....	\$.30
12 Oz. bottle.....	.60

SHOE BLACKING

	Each
Two in One.....	\$.15



METAL POLISH



Oxford Polish

	Each
¼ Pint.....	\$.15
½ Pint.....	.20
1 Pint.....	.35
1 Quart.....	.65
½ Gallon.....	1.25
1 Gallon.....	2.00

Kimball's Polish

	Each
No. 1. 8 Oz., White.....	\$.20
No. 2. 16 Oz., White.....	.30
No. 3. 1 Gallon, White.....	1.95
No. 1. 8 Oz., Red.....	.30
No. 2. 16 Oz., Red.....	.45
No. 3. 1 Gallon, Red.....	2.25

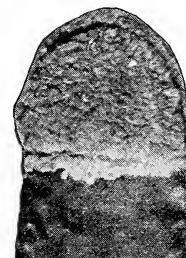


ROYAL WORCESTER STOVE POLISH

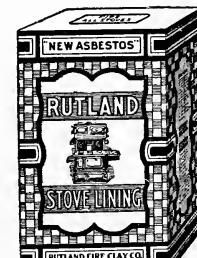
Royal Worcester Stove, ½ Pint.....	\$.20
Royal Worcester Stove, 1 Pint.....	.30

STOVEINK	\$0.25
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Stoveink Bottle



Stove Mitten



STOVE MITTENS

Stove Mitten.....	Each, \$0.20
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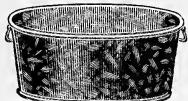
RUTLAND STOVE LINING

	Each
No. 3 Package, 2½ lbs.....	\$.30
No. 6 Package, 5 lbs.....	.50
No. 10 Package, 9 lbs.....	.70

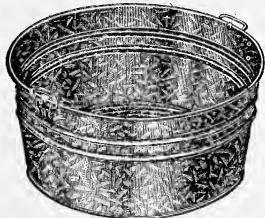
RUTLAND PATCHING PLASTER

	Each
No. 3 Package of 2½ lbs.....	\$.30
No. 6 Package of 5½ lbs.....	.50
No. 10 Package of 9 lbs.....	.70

GALVANIZED IRON OVAL FOOT TUB

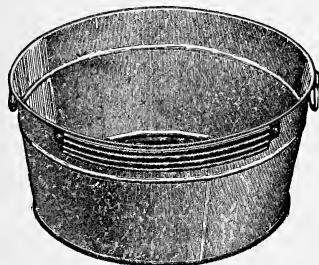
6 $\frac{3}{4}$ X 17 in. Each, \$0.80

GALVANIZED IRON KEELERS



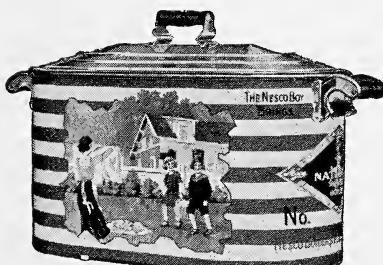
A.	8 X 14 in.	Each	\$0.60
B.	8 $\frac{1}{2}$ X 15 in.		.65
No. 0.	9 X 18 in.		.75

GALVANIZED IRON TUBS



No. 2.	.....	Each	\$1.00
No. 1.	.....		1.15
No. 0.	.....		1.30

WASH BOILERS

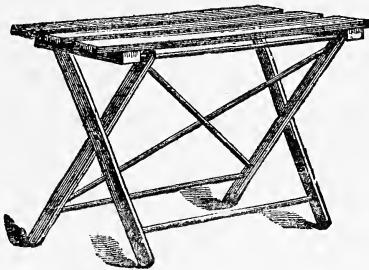


No. 408. 8 in., 1x Tin, copper bottom.	.....	Each	\$2.75
No. 409. 9 in., 1x Tin, copper bottom.	.....		3.00
No. 518. 8 in., 1x Tin, extra large and heavy, copper bottom.	.....		3.75
No. 519. 9 in., 1x Tin, extra large and heavy, copper bottom.	.....		4.00
No. 648. 8 in., 14 oz. Copper.		6.50
No. 649. 9 in., 14 oz. Copper.		6.90

CLOTHES STICKS

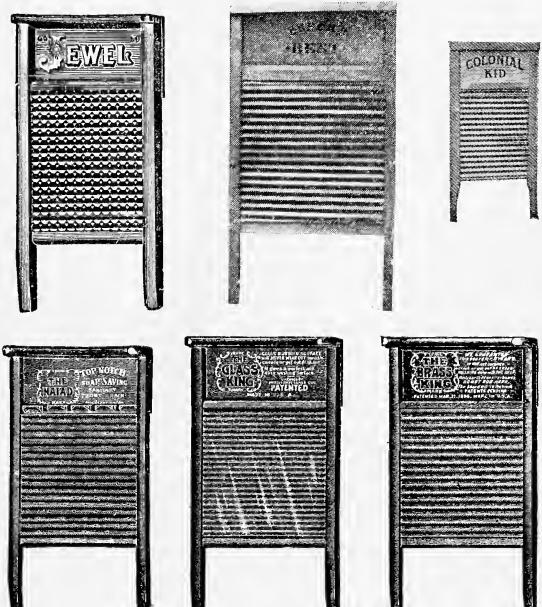
All Wood.	Each, \$0.15	
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FOLDING WASH BENCHES



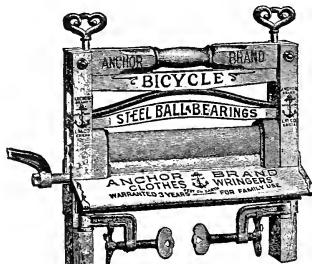
IXL. Can be adjusted to two heights. Each, \$1.75

WASHBOARDS



		Each
Dandy.	1/2 size, zinc.	\$0.20
Jewell.	1/2 size, zinc.	.40
Colonial Kid.	1/2 size, zinc.	.60
Model.	1/2 size.	.25
Breck's Best.	Coarse crimp, zinc.	.65
Standish.	Coarse crimp, zinc.	.80
Junior.	3/4 size.	.50
Naiad.	Perforated zinc.	.75
Northern Queen.	Perforated zinc.	.80
Puritan.	Glass.	.75
Glass King.		.95
Brass King.	No. 801.	.95
Plymouth Brass.		.90
Tryme.	Coarse crimp, zinc.	.45

CLOTHES WRINGERS



Bicycle No. 770

Anchor Brand Flat Steel Springs

Wood Frame. Cog Wheel Shields. Ball Bearings.

Bicycle

No. 770.	10-in.	Warranted three years.....	Each, \$6.50
No. 771.	11-in.	Warranted three years.....	Each, 7.00
		Wood Frame. Open Gears. Ball Bearings.	

No. 110.	10-in.	Warranted three years.....	Each, \$6.50
		Wood Frame. Open Gears. Regular Bearings.	

Brighton.

No. 110.	10-in.	Warranted one year.....	Each, \$5.50
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Spiral Steel Springs

Galvanized Malleable Iron Frames. Clamps open $1\frac{1}{4}$ in.

Pioneer.

No. 22.	10-in.	Warranted one year.....	Each, \$5.00
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FOLDING BENCH WRINGERS

Cog Wheel Shields. Flat Steel Springs. Ball Bearings.
Reversible Water Boards

Bicycle No. 770-B. 10-in. Warranted three years, Each, \$10.50

CLOTHES PINS



Boss

60 Pins in carton, 10 cartons in case.....	Per carton, \$0.30
30 Pins in carton, 20 cartons in case.....	Per carton, .15



Klingfast.	5 in.	.....	Dozen \$0.05
Oriental.	5 in.	.....	.06
Eclipse.	5 in.	.....	.06
Summit.	4 $\frac{1}{2}$ in.	.....	.04

Spring. In $\frac{1}{4}$ and 1 gross boxes..... Dozen, \$0.09

WIRE CLOTHES LINES



Coil of 100 ft., Wire.....	Each \$0.75
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CLOTHES LINES

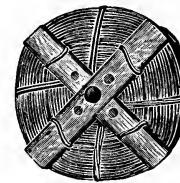
United States.	Cotton, 50 ft. connected.....	.25
New England.	Reinforced Cotton, 50 ft. connected.....	.45
Norman.	Reinforced Cotton, 50 ft. connected.....	.50
Manila.	50 ft. connected.....	.35

ANNISTON WATERPROOF CLOTHES LINES



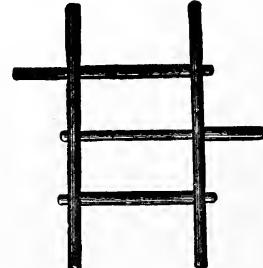
50 ft. connected.....	.75
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COILS and REEL ROPE



Manila.	6 Thread, $\frac{1}{4}$ in. diameter.....	Per lb., \$0.32
Sisal.	6 Thread, $\frac{1}{4}$ in. diameter.....	Per lb., .29
In coils of about 30 lbs. On reels of about 50 lbs.		

CLOTHES LINE REEL



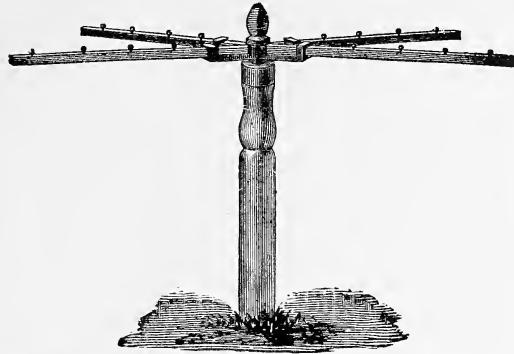
Clothes Line Reel.....	Each, \$0.15
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STRAW CUFFS

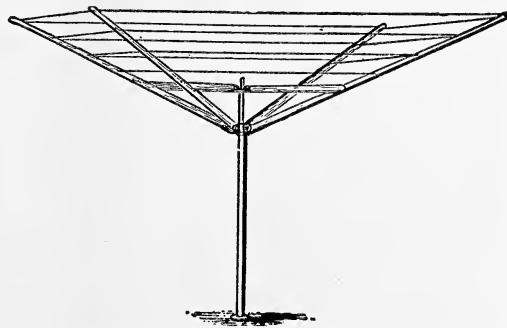


Straw Cuffs.....	Per pair, \$0.07
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OUTSIDE CLOTHES DRYER

Bay State.....*Each, \$16.50*

OUTSIDE CLOTHES DRYER



This dryer is the simplest and most durable made; is easily operated, with nothing to get out of order and combines the greatest amount of line in the smallest space.

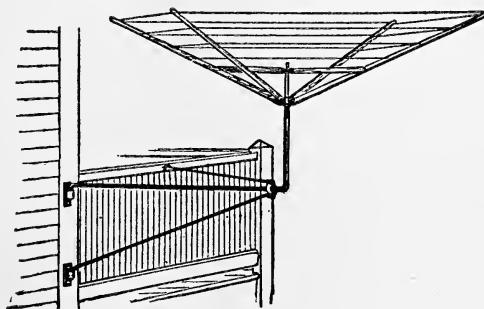
BRECK'S IXL

No. 49. 110 ft. cotton line, galv. trimmed.....*Each, \$9.50*
No. 50. 150 ft. cotton line, galv. trimmeed.....*Each, 10.00*

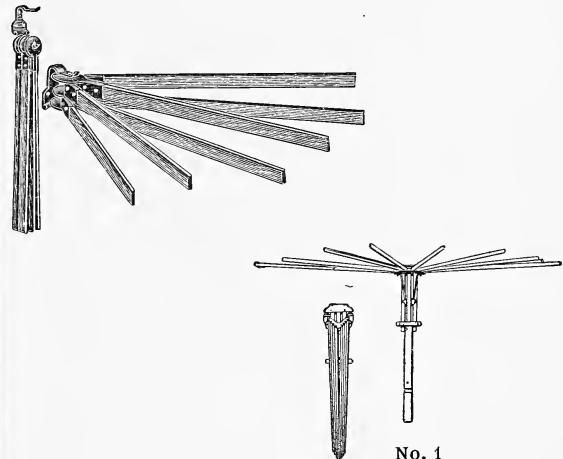
LEADER

No. 1. 110 ft. cotton line, jap. trimmed.....*Each, \$7.25*
No. 2. 150 ft. cotton line, jap. trimmed.....*Each, 7.75*

BALCONY CLOTHES DRYER

No. 5AA.*Each, \$13.25*
Style H. Heavy.....*Each, 16.75*

WALL DRYING BARS



No. 1

Apex
No. 2A. Six 24-in. Arms.....*Each, \$1.00*
Adjusto.
No. 5. 8 Arms, 24 in. long.....*Each, .40*
No. 3. 8 Arms, 24 in. long.....*Each, .75*
No. 1. 8 Arms, 30 in. long.....*Each, 1.35*
Smith
10 Arms, 24 inches long.....*Each, \$1.25*

FOLDING TOWEL HORSES

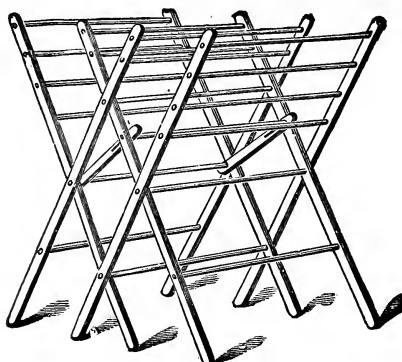


No. 0. Pine, height 2 ft. 6 in., drying space, 12 ft....*Each, \$0.75*
No. 2. Hardwood, height 2 ft. 9 in., drying space 22 ft.....*Each, .90*



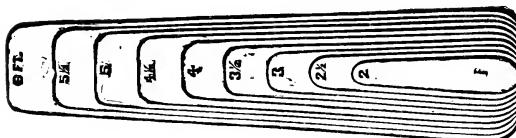
No. 2½. Hardwood, height 2 ft. 9 in., drying space 26 ft.....*Each, 1.10*

FOLDING CLOTHES HORSE



No. 3.	Spruce.....	Each, \$1.75
No. 3½.	Spruce.....	Each, 1.90
No. 4.	Spruce.....	Each, 2.15

SKIRT BOARDS



3½ ft.	Whitewood.....	Each, \$0.95
4½ ft.	Whitewood.....	Each, 1.50
5 ft.	Whitewood.....	Each, 1.70
5½ ft.	Whitewood.....	Each, 1.90

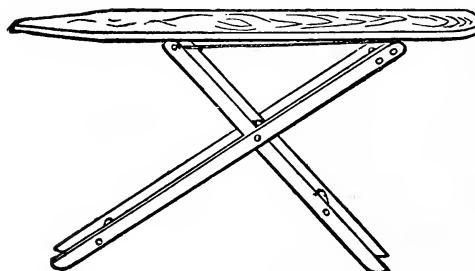
SAD IRON HANDLES



Mrs. Potts'

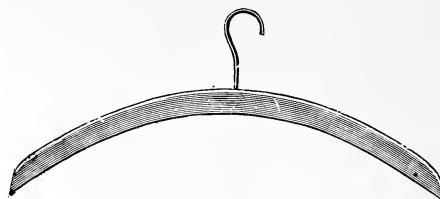
Japanned.....	Each, \$0.20
Tinned.....	Each, .25

FOLDING IRONING TABLES

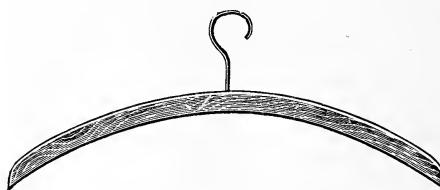


Single Iron Ratchet.....	Each, \$2.50
Double Iron Ratchet.....	Each, 2.75

GARMENT HANGERS

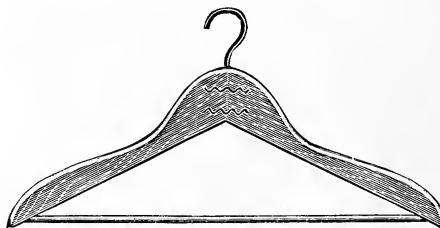


No. 10 Hardwood..... Each, \$0.05



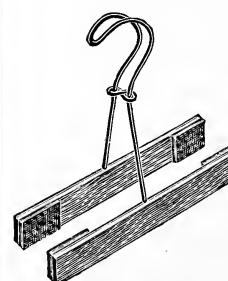
No. 80. For very thin shirtwaists and dresses. Hand-sanded so that Hanger is very smooth..... Each, \$0.05

No. 80. Enamel. White, Pink, or Blue..... Each, .10



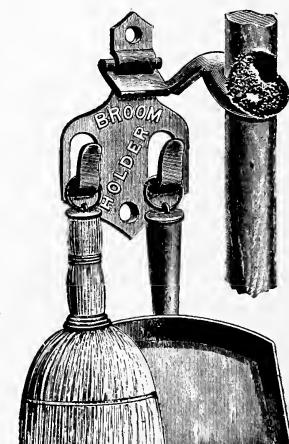
No. 25

No. 25. Improved Shape. Waxed but not sanded. Very strong. Made for heavy use..... Each, \$0.10



No. 70

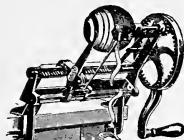
No. 70. Trouser and Skirt Hanger. Eight inches long. Felt padded. Each, \$0.10



STAR BROOM HOLDER

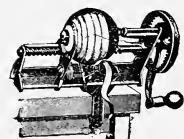
Japanned..... Each \$0.15

FAMILY "BAY STATE" APPLE PARER, CORER AND SLICER

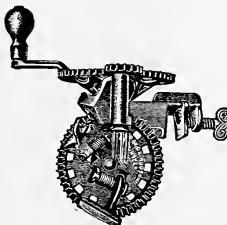


This machine has been remodeled, strengthened, and otherwise improved. Its present shape allows all the parings and apple juice to fall clear of the working parts. It does good work every time, and is strong and thoroughly well made. For hotels, restaurants and boarding houses, or any place where any considerable quantity of apples are to be prepared, it will save its cost in a wonderfully short time. If desired it can be used to pare only, without coring and slicing. Each, \$3.15

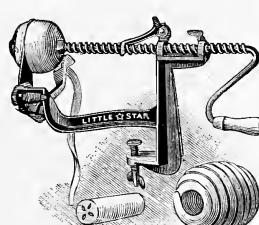
IMPROVED "BAY STATE" APPLE PARER, CORER AND SLICER



Especially adapted to the use of packers and evaporators of fruit, or in families where an extra strong parer is needed. It is practically the same as the Family Bay State, except in the matter of durability. The machine is larger and stronger in every way. It has a steel screw and is fastened to the table at both ends, making it very firm. The parings, as in the smaller machine, fall clear of working parts. This machine has an automatic push-off for removing the cores. Each, \$6.25



Rocking Table



Little Star

THE ROCKING TABLE APPLE PARER

The Rocking Table Apple Parer, with push-off, is so arranged that parings and juice cannot fall upon it. It is provided with improved clamping device, so that the table will not be jammed. It is stronger, more durable, has less gears and working parts will pare closer to the fork, keep cleaner, do better work and more of it than any other machine.

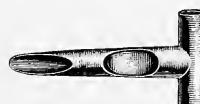
The Rocking Table Parer, in our opinion, is far ahead of any other for both family and restaurant use. Each, \$1.50

THE "LITTLE STAR" APPLE PARER, CORER AND SLICER

The "Little Star" Parer, Corer, and Slicer, with push-off, is so constructed that parings and juice cannot fall upon it. The only parer in which the paring knife always faces the fruit when brought against it. This machine is one of the best family machines made. Each, \$1.25

APPLE CORER

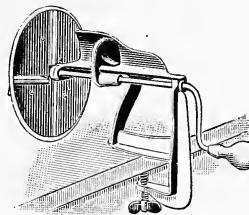
T Shaped. Each, \$0.10



Apple Corer

ENTERPRISE SAUSAGE STUFFER and LARD PRESS
Tinned

No. 10. 2 qt. Rack. Each, \$10.00
No. 10. 2 qt. Screw. Each, 13.50
No. 30. 4 qt. Screw. Each, 14.50
No. 40. 8 qt. Screw. Each, 18.00

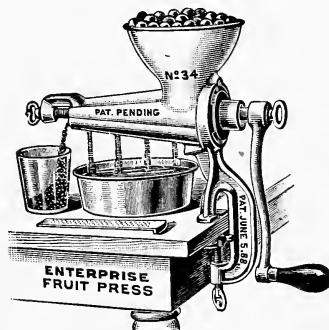


Lightning Potato Slicer

LIGHTNING POTATO SLICER

Each. \$1.75

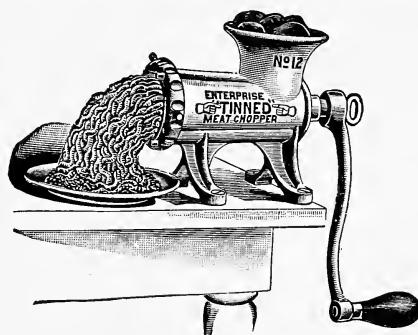
ENTERPRISE FRUIT PRESS



Its principle is very simple, it is easily operated, saves all the re-handling necessary with other presses, as it extracts the juice and ejects the skins and seeds in one operation.

No. 34. Each, \$7.25 No. 46. Each, \$45.00

ENTERPRISE MEAT and FOOD CHOPPERS



Enterprise Choppers with Clamp

No. 5.	Chops 1½ lbs. per minute.	Each	\$3.25
No. 10.	Chops 3 lbs. per minute.	Each	5.50
No. 20.	Chops 4 lbs. per minute.	Each	11.00

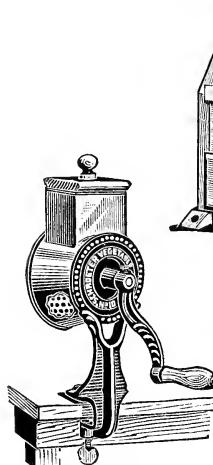
Enterprise Choppers with Legs

No. 12.	Chops 3 lbs. per minute.	Each	\$5.00
No. 22.	Chops 4 lbs. per minute.	Each	8.75
No. 32.	Chops 5 lbs. per minute.	Each	10.50

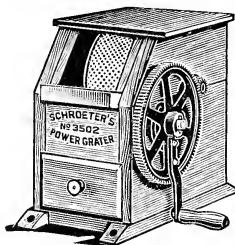
Enterprise Choppers with Gears

No. 422.	Corresponds in size with No. 22.	Each	\$14.00
No. 432.	Corresponds in size with No. 32.	Each	17.00

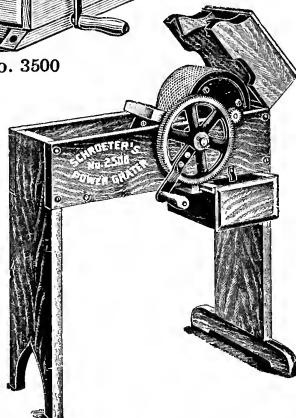
HORSE RADISH GRATERS



No. 10



No. 3500



No. 2500

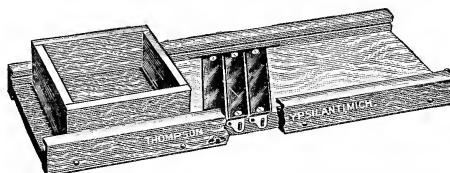
For grating horse radish, cocoanut, bread, potatoes, chocolate and similar materials. Construction simple, rapid operation and easily cleaned.

No. 10. Family size. Carried in stock.....	Each, \$2.50
No. 100. Large family size. Carried in stock.....	Each, 5.00
No. 500. Hotel size. Carried in stock.....	Each, 8.00
No. 2500. Hand or Power. Carried in stock.....	Each, 60.00
No. 3500. Hand or Power. From factory	Prices on
No. 3500. Hand Power only. From factory...	application
No. 3500. Power only. From factory.....	

SLAW CUTTERS

No. 40C. One Knife, adjustable.....	Each, \$0.70
No. 45C. Two Knives.....	Each, .80

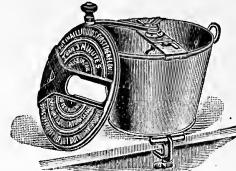
KRAUT CUTTERS



Three-Knife Kraut Cutter

The adjustment is simple. The bolts are loosened, the knives set at the desired angle and the bolts tightened. No other directions are required. By taking out the bolts the knives may be removed. The knives are of tool steel, painted blue to within a half-inch of the cutting edge to prevent rusting.

Each	
No. 50. D 2 Knives with Box, 8X26.....	\$2.60
No. 55. D 3 Knives with Box, 8X26.....	3.00
No. 65. D 3 Knives with Box, 9X30.....	4.00
No. 70. D 3 Knives with Box, 12X36.....	6.50
No. 80. D 4 Knives with Box, 12X36.....	7.50

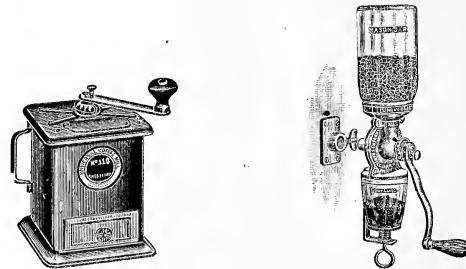


Bread Maker

"UNIVERSAL" BREAD MAKER AND RAISER

The Universal Three Minute Bread Maker is mixer, kneader, and raiser, all combined. The hands do not touch the dough, which is mixed and kneaded thoroughly in three minutes by this machine. Three minutes in this easy and pleasant way. Twenty to thirty minutes by the old method. No housekeeper who has once used it will ever be content to go back to the old, laborious, disagreeable way of making bread by hand. Very simple in construction. A child can operate it. As easily cleaned as a tin pail. We guarantee this simple machine to Mix and Knead Bread perfectly in three minutes.

No. 4. Capacity, 4 loaves.....	Each, \$3.00
No. 8. Capacity, 8 loaves.....	Each, 4.00



No. 109

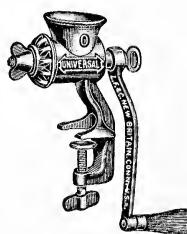
No. 24

UNIVERSAL COFFEE MILLS

The Universal Coffee Mills are made from sheet steel. Black enamel finish, handsomely ornamented. Patent adjusting device. Grinds as fine or coarse as wanted. Grinders warranted equal to steel.

No. 109. Universal Coffee Mill.....	Each, \$1.50
No. 110. Universal Coffee Mill.....	Each, 2.00
No. 24. Universal Coffee Mill.....	Each, 1.75

THE UNIVERSAL FOOD CHOPPER



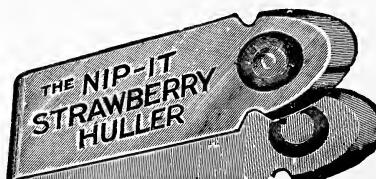
Universal Food Chopper

Chops all kinds of meat, raw or cooked, all kinds of fruits and vegetables, in fact, everything that is ordinarily chopped in a chopping bowl, into clean-cut, uniform pieces, fine or coarse as wanted, without squeezing or mashing, and with great rapidity.

The principle upon which it is constructed differs from all other choppers, in that the article to be chopped is not squeezed through round holes, but is instantly carried through to the cutting point in practically its original condition, and is there met and cut by the revolving knives.

No. 0. Small family size.....	Each
No. 1. Medium family size.....	\$1.85
No. 2. Large family size.....	2.25
No. 3. Hotel, restaurant.....	2.75
	3.50

STRAWBERRY HULLERS



Nip-it..... Each, \$0.05

WHITE MOUNTAIN ICE CREAM FREEZER



White Mountain



New Platform

Cream can be frozen in 4 minutes in the "Improved" White Mountain. The White Mountain is the only freezer in the world having the celebrated duplex dasher with double self-adjusting wood scraping bar, by the use of which cream can be frozen in less than one-half the time, yet finer and smoother than can possibly be produced in any other freezer now in use.

Sizes qts. 1 2 3 4 6 8 10 12 15 20 25
Each, \$3.30 3.80 4.50 5.50 7.00 9.30 12.15 14.50 17.25 22.40 28.75

FLY WHEELS

Sizes qts. 6 8 10 12 15 20 25
Each, \$1.55 1.75 2.50 4.05 4.05 5.00 6.00

NEW PLATFORM FREEZER

15 qt. 20 qt. 25 qt.

With fly wheel..... Each, \$40.50 \$47.25 \$54.00
With pulley..... Each, 47.25 54.00 60.75



Samson



White Mountain Tub

THE "SAMSON" POWER FREEZER

Samson Freezer, with tight and loose pulley 25 qt. 40 qt.
Each, \$101.25 \$135.00

THE CREASEY ICE BREAKERS

The Creasey Ice Breakers provide the easiest, quickest, and most economical method of reducing large cakes of ice to pieces of usable size. Their design is right. The ice is broken by picks, drop-forged from the best steel, attached to a heavy revolving drum. Descriptive circulars mailed on application.

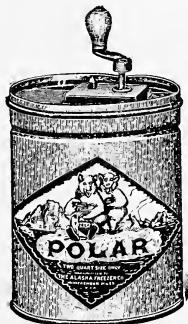
THE NEW ALASKA COTTAGE SPECIAL FREEZER



The Alaska Cottage Special has the same features for quick freezing as our regulation wood-tub freezers, such as tall narrow can, tinned cast iron cover and tinned cast iron dasher with adjustable hard wood scrapers. Cream can be frozen with very little effort in from four to six minutes' time.

2 quart size only. Wood Tub Freezer..... Each, \$2.25

THE IMPROVED POLAR ALL-METAL FREEZER



The Polar is an excellent low priced metal freezer, having many features not found in other makes, such as cast iron cover, strong, smooth running cast iron gears in the gear frame or driving mechanism and a real dasher. You can freeze cream in the Polar freezer in about six minutes—half the time of the ordinary metal freezer. It is an article of real merit and will give splendid service.

2 quart size only. All Metal Freezer..... Each, \$1.50

TWENTIETH CENTURY WATER COOLER



Cooler



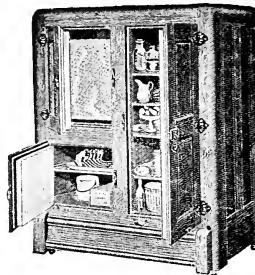
Jar

No. 56. Fibre, without bottle..... Each, \$16.00
No. 56. Fibre, with bottle..... Each, 18.75

ICE WATER JAR

Each
No. 4. 3 gallon..... \$4.17 No. 8. 6 gallon..... \$5.84
No. 5. 4 gallon..... 5.00 No. 10. 7 gallon..... 6.68

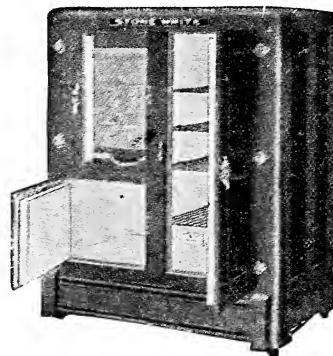
WHITE MOUNTAIN REFRIGERATORS



Pine Boston Pattern

Pure Baked White Provision Compartment

No. 624. Capacity 125 lbs. ice; length 35 in., depth 22 in.,
height 50 in. *Each*, \$48.35



Oak Boston Pattern

Heavy Oak Case, beautifully finished with nickeled trimmings.
Stone White provision compartment.

No. 965. Capacity 185 lbs. ice; length 41 in., depth 24 in.,
height 50 in. *Each*, \$96.65

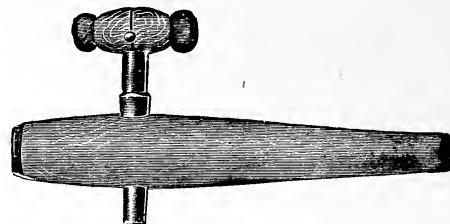
Any refrigerator can be fitted with porcelain-lined water cooler and faucet complete with cup holder at an additional price of \$14.00.
On application, we will mail large catalogue covering the entire line.



REFRIGERATOR PANS

Galvanized, small, 12 in. diam. *Each*, \$0.50
Galvanized, medium, 14 in. diam. *Each*, .60
Galvanized, large, 16 in. diam. *Each*, .75

PEERLESS TIN KEY FAUCETS

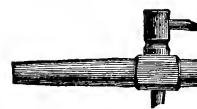


	Each
John Sommers, 7 inch.	\$0.60
John Sommers, 8 inch.	.70
John Sommers, 9 inch.	.80

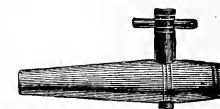
Metal Key

	Each
Eagle, 6 in.	\$.18
Eagle, 7 in.	.21
Eagle, 8 in.	.25
Eagle, 9 in.	.28

WOOD FAUCETS



Leather Lined



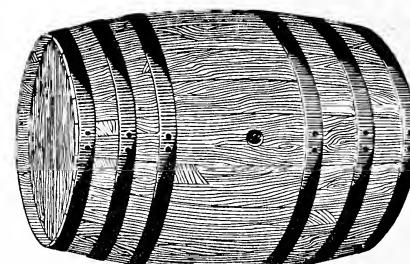
Cork Lined

Leather Lined

	Each
6 in., Plain	.10
7 in., Plain	.12
8 in., Plain	.15
9 in., Plain	.20
10 in., Plain	.22
11 in., Plain	.35
6 in., Oiled	.12
7 in., Oiled	.13
8 in., Oiled	.15
9 in., Oiled	.20

Cork Lined

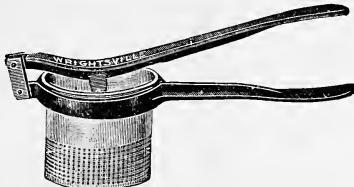
	Each
No. 0	.10
No. 2	.10
No. 4	.12
No. 6	.15
No. 8	.20



OAK KEGS

	Each
5 Gallons	\$2.25
10 Gallons	3.00
15 Gallons	3.50
20 Gallons	3.90
30 Gallons	4.75
50 Gallons	7.40

VEGETABLE PRESSES



No. 5..... Each, \$0.45



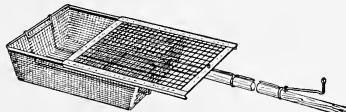
No. 77. McLaughlin..... Each, \$0.50

WELLESLEY CORN POPPERS



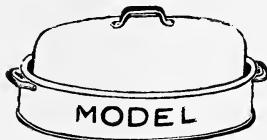
1 Quart..... Each, \$0.35
1½ Quarts..... Each, .40
2 Quarts..... Each, .45
4 Quarts..... Each, .80

ECLIPSE CORN POPPER



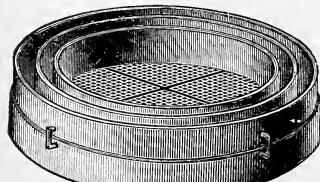
2 quarts..... Each, \$0.50

MODEL ROASTERS



No. 110. Small..... Each, \$2.60
No. 410. Large..... Each, 3.25

WOOD RIM FLOUR SIEVES



Wood Rim Sieve



Victor Sieve

Best, small..... Each, \$0.50
Best, medium..... Each, .55
Best, large..... Each, .60

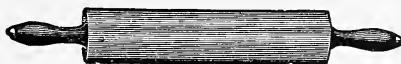
VICTOR FLOUR SIEVE

Victor..... Each, \$0.25
F Victor, heavy, wood handle..... Each, .50

TOOTH PICKS

Ideal..... Per package \$0.06

ROLLING PINS



Revolving Handle. XX 12 in..... Each, \$0.35

CAN OPENERS



No. 70



Never-Slip



King



Clean Cut

No. 70..... Each, \$0.10

Never Slip..... Each, \$0.10

King Can Opener and Cork Screw..... Each, \$0.10

"Clean Cut" Can Opener..... Each, \$0.10

PEERLESS CAN OPENER



Adjustable Handle..... Each, \$0.25

GOODELL CAN OPENER



A Tool of Quality, made of Cutlery Steel and well-tempered, tested and approved by the Good Housekeeping Institute.

Each, \$0.25

KITCHEN KNIVES



Empire

This Kitchen Knife is made with a forged blade from Thos. Firth & Sons, Sheffield, England, highest grade pocket cutlery steel, and is hardened and tempered as carefully as their well-known brand of Empire Pocket Knives..... Each, \$0.30

RICHARD KNIVES

Richard Stainless Steel. Do not rust..... Each, \$0.30

No. 51. Steel Blade..... Each, .10

Foster Brothers

Stainless Steel..... Each, .25

PUTTY KNIVES

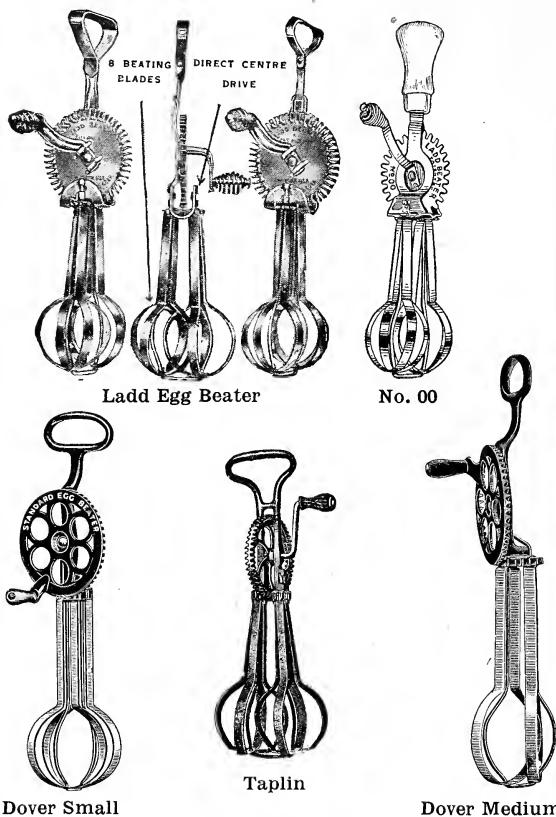


No. 302. Steel Blade..... Each, \$0.10

No. 300. Steel Blade..... Each, .25

No. 306S. Steel Blade..... Each, .40

EGG BEATERS



Dover Small

Dover Medium

Dover Egg Beaters

	Each
Small.....	\$.20
Medium.....	.35

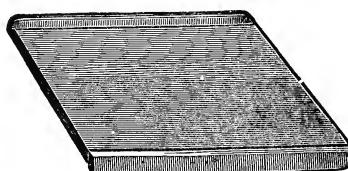
Ladd Egg Beaters

No. 00. Small Double Beaters.	<i>Enamelled Handle</i>.....	.45
No. 0. Small Double Beaters.....		.50
No. 1. Medium Double Beaters.....		.60
No. 2. Large Double Beaters.....		.75

Taplin

No. 550. Large Double Beaters.....	.55
No. 450. Family Size Double Beaters.....	.30
No. 452. Family Size Tinned Double Beaters.....	.35
Betty. Small size.....	.10

PASTRY BOARDS



16×20 in.....	\$.1.00
18×24 in.....	1.10
20×26 in.....	1.40
16×20 in., 3 side cleats.....	1.65
18×24 in., 3 side cleats.....	1.75
20×26 in., 3 side cleats.....	2.00

KETTLE KNOBS



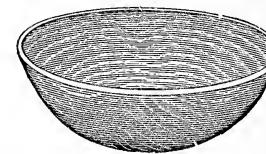
Per doz..... \$0.25
Derkins, nickel..... Each, .10

WOOD SPOONS



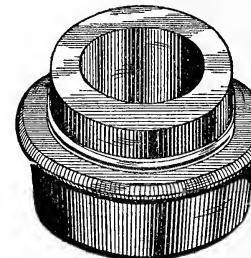
13 in. small, turned handle..... Each, \$.12
15 in. large, turned handle..... Each, .15

CHOPPING BOWLS



11 in., diameter, paraffined..... Each, \$.25
13 in., paraffined..... Each, .85
15 in., paraffined..... Each, 1.15
17 in., paraffined..... Each, 1.80

WATER FILTERS



Stop-Splash

Stop-Splash Water Filter..... Each, \$.05

3-IN-1

Stop-Splash Water Filter..... Each, \$.10

TIN FUNNELS

	Each
No. 10. $\frac{1}{4}$ Pint.....	\$.05
No. 15. $\frac{1}{2}$ Pint.....	.06
No. 20. 1 Pint.....	.08
No. 25. 1 Quart.....	.12
No. 30. $\frac{1}{2}$ Gallon.....	.15
No. 35. 1 Gallon.....	.20

KNIFE TRAYS

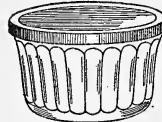


Oak Knife Trays..... Each, \$.75

JELLY TUMBLERS



Jelly Tumbler



Squat



Twinlock



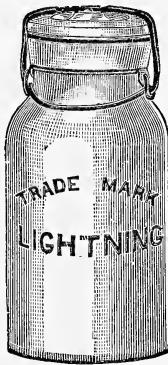
Duplex

	Doz.
Jelly Tumblers, $\frac{1}{3}$ pint	.54
Jelly Tumblers, $\frac{1}{2}$ pint	.57
Jelly Squat, $\frac{1}{3}$ pint	.57
Duplex, $\frac{1}{2}$ pint	.75
Twinlock, 6 oz., with glass cover	1.20

FRUIT JARS



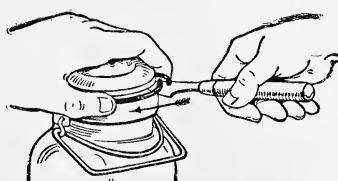
Atlas Easy Seal



Genuine Lightning

	Doz.
$\frac{1}{2}$ Pint	\$1.20
Pints	1.25
Quarts	1.45
$\frac{1}{2}$ Gallon	1.90
Covers	.25

JAR OPENER



Palmer..... Each, \$0.15



Victory

Queen Improved Clamp

	Dozen
$\frac{1}{2}$ pint	\$1.55
1 pint	1.65
28 oz.	1.85
Covers	.35
	Queen
Improved Clamp, pints	1.55
Improved Clamp, quarts	1.75
Improved Clamp, $\frac{1}{2}$ gallon	2.25
Covers	.35
Mason Covers	.35
	Economy
Covers	.35
Springs	.15

FRUIT JAR RUBBERS

Good Luck	.10
Fitz-Em-All	.10
Kold-Pross	.20

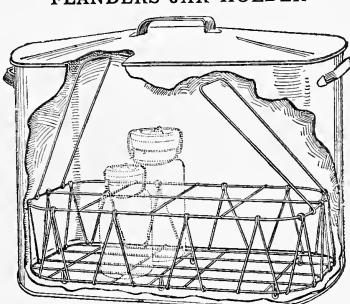
COL-PAC CANNERS



No. 54. Holds 6 Jars Each, \$3.75

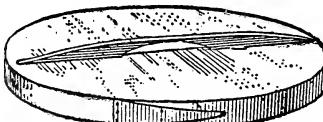
No. 56. Holds 12 Jars Each, 4.85

FLANDERS JAR HOLDER



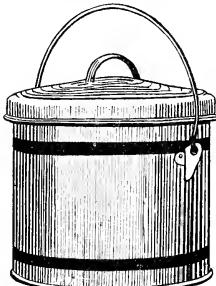
Folding, holds 8 Jars..... Each, \$0.50

BARREL COVERS

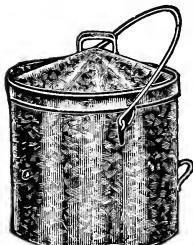


Best Pine, 19 in.	Each, \$0.55
Best Pine, 21 in.	Each, .60
Champion, flush top, 19 in.	Each, .60
Champion, flush top, 21 in.	Each, .65

GARBAGE CANS



New England



Galvanized



Winfield Handy

Galvanized

No. 021. 12½×13 in.	Each, \$1.10
No. 041. 14×15½ in.	Each, 1.50

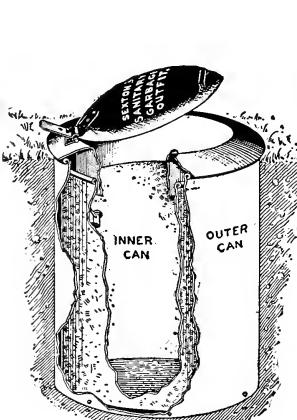
New England

No. 2. Garbage Cans, 14×14 in.,	Each \$2.25
No. 3. Garbage Cans, 14×20 in.	Each, 3.00

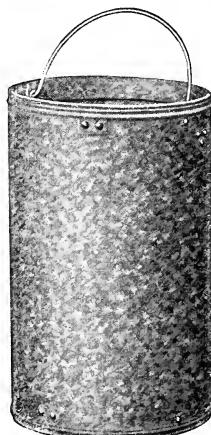
Winfield Handy

No. 6. 6 gal.	Each, \$1.50
No. 10. 10 gal.	Each, 2.00

SEXTON GARBAGE OUTFIT



Nos. 1 and 2



Inside Pails

SEXTON

With Heavy Galvanized Iron Cover

No. 1. With foot treadle, 17×20 in.	Each, \$11.75
No. 2. With foot treadle, 18×26 in.	Each, 13.50
Nos. 1, 5 and 50. Inside Pails.	Each, 3.75
Nos. 2, 6 and 60. Inside Pails	Each, 4.50



Nos. 5 and 6



Cement Nos. 50 and 60

With Heavy Cast Iron Covers

No. 5. With foot treadle, 15×24 inches.	Each, \$17.00
No. 6. With foot treadle, 18×24 inches.	Each, 23.00
No. 50. With foot treadle, 15×24 inches.	Each, 18.00
No. 60. With foot treadle, 18×24 inches.	Each, 24.50



Bottle Sprinkler



Lemon Juice Extractor

Bottle Sprinkler.....Each, \$0.10

No. 2 Lemon Juice Extractor.....Each, \$0.20

Fairy.....Per package, \$0.12

TOILET PAPER

LE PAGE'S GLUE



1 Oz. Bottles (1 doz. in box)	Each, \$0.20
Small Tubes	Each, .20
½ Pt. Cans	Each, .50
1 Pt. Cans	Each, .80
1 Qt. Cans	Each, 1.40
1 Gal. Cans	Each, 4.25

LE PAGE'S MUCILAGE

1½ Oz. Bottles (3 doz. in box).....Each, \$0.10

NESCO "PERFECT" OIL HEATERS

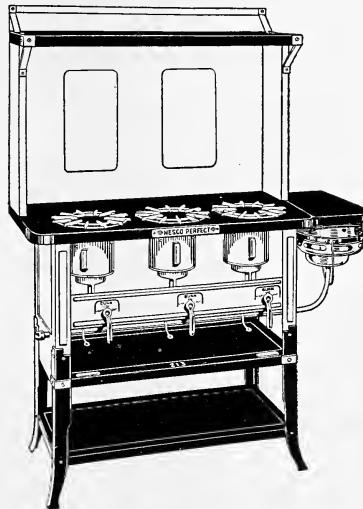


Per Can, \$0.10

No.		Each
15.	4 Qt., leaded steel founts, japanned trimmings	\$6.75
1500.	4 Qt., copper bowl, brass top founts, japanned trimmings	8.25
016.	4 Qt., leaded steel founts, full nickel plated trimmings	8.00
1600.	4 Qt., copper bowl, brass top, full nickel plated trimmings	9.50
1900.	4 Qt., copper bowl, brass top, blue enameled bodies, full nickel plated trimmings	11.75
0190.	4 Qt., leaded steel fount, blue enameled bodies, full nickel plated trimmings	10.25
	Wicks and Carriers	.30

NESCO "PERFECT" OIL COOK STOVES

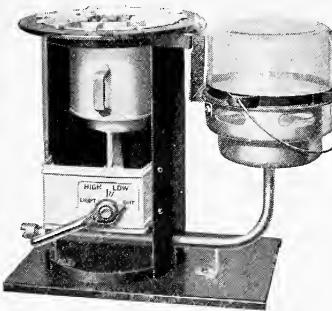
These stoves are noted for their burning qualities. A very hot, blue flame is produced by a combination in a combustion chamber of the flame from the oil with oxygen from the air into a gas; and thus, too, actual consumption of oil is made smaller. The Rockweave Wick is asbestos spun around brass wires, consequently it does not break off or burn out.



	Each
No. 212. 2 Burner	\$17.35
No. 213. 3 Burner without high shelf back	22.00
No. 213. 3 Burner, with high shelf back	28.50
No. 214. 4 Burner without high shelf back	28.00
No. 214. 4 Burner, with high shelf back	36.00
Wicks	.25
High Shelf Backs for 3 Burner Ovens	6.50
High Shelf Backs for 4 Burner Ovens	8.00

CARRIAGE HEATER

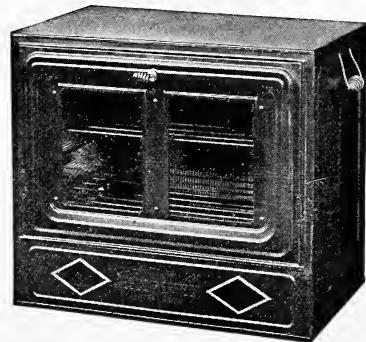
Carpet Covered	Each, \$5.00
Fuel Bricks. 1 dozen in a box	Per box, 1.20
Fuel Bricks. 100 in a box	Per box, 9.00



NESCO "PERFECT" OIL COOK STOVE

No. 31. 1 Burner,
Each, \$9.50

NESCO "PERFECT" OVEN



Two Burner size only. Ovens are full tin lined. Walls are double and insulated with asbestos lining. This prevents waste of heat. Perforations in the inside walls give thorough circulation and good ventilation, and thus excess moisture and steam are eliminated. A removable drip pan at bottom catches any foods that may have cooked over. It is easily taken out for cleaning. Suitable for oil, gas ranges, or for cook stoves.

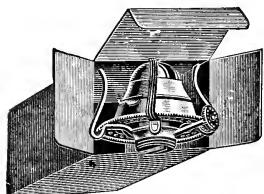
Each, \$5.40

WHEELING CORCO AIR-TIGHT WOOD STOVE



	Each
No. 418. Depth of body 19 inches	\$4.25
No. 421. Depth of body 22 inches	4.90
No. 424. Depth of body 25 inches	5.80
No. 427. Depth of body 28 inches	6.60

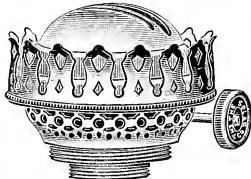
LAMP BURNERS



Eldorado



Eagle

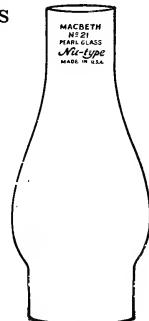
Solar
Eldorado

	Each
No. 1 or A.....	\$0.15
No. 2 or B.....	.20
Eagle.....	.20
No. 1 or A.....	\$0.15
No. 2 or B.....	.20
Solar.....	.20
No. 3 or D.....	\$0.30

LAMP CHIMNEYS



Crimp



Nu-type



Macbeth



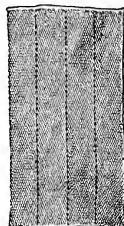
Pearl Top



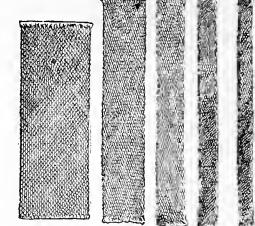
B. & H.

Crimp	Each
No. 1 or A. Sun, Crimp top, $2\frac{1}{2}$ in. bottom.....	\$0.20
No. 2 or B. Sun, Crimp top, 3 in. bottom.....	.25
Nu-type	
No. 20. 2 $\frac{1}{2}$ in. bottom, pearl glass.....	.25
No. 21. 3 in. bottom, pearl glass.....	.30
Rochester	
No. 3. 4 in. bottom.....	.50
Macbeth	
No. 12. Pearl glass, $2\frac{1}{8}$ in. bottom. Fits No. 22.....	.30
Pearl Top	
No. 1 or 502. 2 $\frac{1}{2}$ in. bottom.....	.25
No. 2 or 504. 3 in. bottom.....	.30
B. and H.	
No. 2. 2 $\frac{5}{8}$ in. bottom. Fits No. 2 Rochester and Rayo...	.25

WICKS



Oil Stove



Lamp

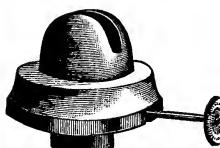
Oil Stove Wicks

	Each
3 $\frac{1}{2}$ in.....	\$.05
4 in.....	.06
4 $\frac{1}{2}$ in.....	.07
5 in.....	.08

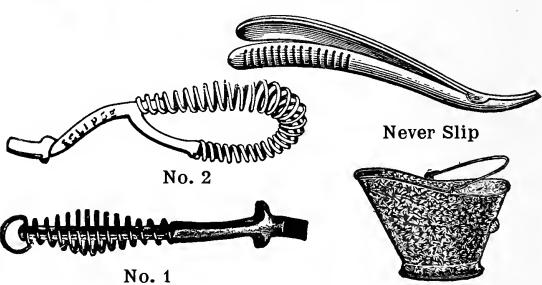
Lamp Wicks

	Each
No. 0 or E. $\frac{3}{8}$ in. wide.....	.01
No. 1 or A. $\frac{5}{8}$ in. wide.....	.01
No. 2 or B. 1 in. wide.....	.02
No. 3 or D. 1 $\frac{1}{2}$ in. wide.....	.03
No. 2 H and B (packed 1 doz. in bundle).....	.10
No. 2. Rochester (packed 1 doz. in bundle).....	.05
No. 3. Rochester (packed 1 doz. in bundle).....	.20

LANTERN BURNERS



O. Each.....	\$.15
B. Each.....	.20



Never Slip



No. 2



No. 1



COAL HODS

	Each
15 in. Galvanized.....	\$.60
16 in. Galvanized.....	.70
17 in. Galvanized.....	.80
18 in. Galvanized.....	.90

STOVE LIFTERS

No. 1.....	\$.10
No. 2.....	.15
Never Slip.....	.15

[STOVE SHOVELS]



	Each
No. 54. Japanned, size of scoop, $4\frac{3}{4} \times 7$ in.....	\$.10
No. 56. Japanned, size of scoop, $4\frac{3}{4} \times 8$ in.....	.15
No. 57. Japanned, size of scoop, $4\frac{3}{4} \times 8\frac{1}{2}$ in.....	.20
No. 80. Japanned, size of scoop, $4\frac{1}{2} \times 6\frac{1}{2}$ in.....	.10
No. 254. Galvanized, size of scoop, $4\frac{3}{4} \times 7\frac{1}{2}$ in.....	.15



Spittoon



Dipper

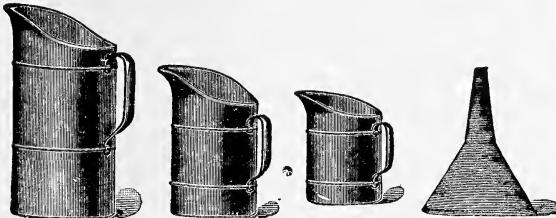
FIBRE SPITTOONS

No. 1.	13 in. diameter.....	Each	\$2.25
No. 2.	11 in. diameter.....		1.60
No. 3.	9 in. diameter.....		1.40

OAK WOOD DIPPERS—Copper Fastened

1 quart.....	Each, \$0.55	2 quarts.....	Each, .60
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PULPWOOD EGAR MEASURES and FUNNELS



Gallon.....	Each	\$2.35
Two quarts.....		1.95
Quart.....		1.60
Pint.....		1.45
No. 1. Funnel, large.....		1.30
No. 2. Funnel, small.....		1.00

OIL CANS



Climax

Columbia

New England



Falcon



Globe



Gasoline

Falcon Faucet, 5 gal. Same style as Columbia.....	Each	\$1.45
Columbia Faucet, 5 gal.....		1.45
New England, 5 gal.....		2.25
Climax, 5 gal.....		2.40
Globe. Galvanized, 1 gal.....		.50
Polo. Galvanized, 1 gal.....		.45
Polo. Galvanized, 2 gals.....		.70

Gasoline Cans

Spout, 5 gal., red.....	1.25
Eagle Spout, heavy, 5 gal., red.....	2.50

LUNCH BOXES



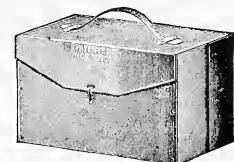
Camera



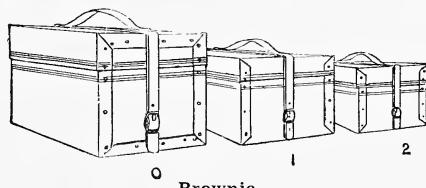
Park



Universal



Gilman



Brownie

Camera.....	Each	\$0.50
Universal. No. 310.....		3.50
Vacuum Fillers. No. o.....		1.10
Gilman. Folding, Black.....		.40

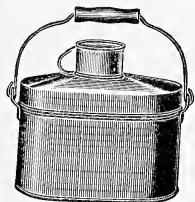
Park

No. 50. Folding Jap. Tin.....	.50
No. 100. Folding Jap. Tin.....	.60

Brownie

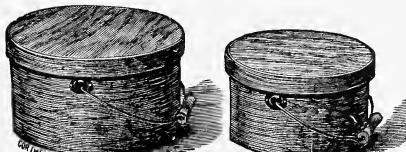
No. 2.....	.20
No. 1.....	.25
No. o.....	.30

DINNER BUCKETS



No. 1040. I. C. Tin with Pie Tray and Cup.....	Each, \$0.90
No. 575. IXX Tin with Pie Tray and Cup.....	Each, 1.35

BAIL BOXES



Oak. Small, 4 quart.....	Each, \$0.80
Oak. Large, 8 quart.....	Each, 1.05

PAILS



Star Fibre



Galvanized Iron



Fire Pail



Chamber



Common Water



Horse Pail



Electric Hoop Cedar

Star Fibre..... *Each* \$1.00

Galvanized Iron Pails

10 Quart Competition, light.....	.35
12 Quart Competition, light.....	.40
14 Quart Competition, light.....	.45
10 Quart, 1310, heavy.....	.55
12 Quart, 1312, heavy.....	.60
14 Quart, 1314, heavy.....	.65
16 Quart, 1316, heavy.....	.75
12 Quart, No. 512, extra heavy.....	.65
14 Quart, No. 514, extra heavy.....	.70

Fire

14 Quarts, round bottom..... \$0.55

Chamber

12 Quarts..... .85

Common Water Pails

2 Hoop, clear, oak-grained.....	\$0.50
3 Hoop, clear, oak-grained.....	.55
3 Hoop, clear, oak grained, riveted ear.....	.60
2 Hoop, clear, oak grained, half-size.....	.30

Horse Pail

3 Hoop, J. I. C. oak flush bottom, iron hoop.....	\$1.50
3 Hoop, J. I. C. oak flush bottom, galvanized hoop.....	1.75
3 Hoop, J. I. C. cedar flush bottom, galvanized hoop.....	1.75
Best Pine, flush bottom, iron hoop.....	.85
Best Pine, flush bottom, galvanized hoop.....	1.00

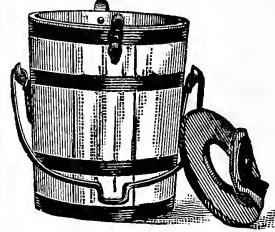
Electric Hoop Cedar Pail

3 Electric Hoops..... \$0.70

WELL BUCKETS



Double Ear



Valve



Victor

Double Ear

Extra heavy, galvanized hoop, double ear..... *Each* \$4.50

Victor

Iron hoop, strap ear..... 1.25
Galvanized hoop, strap ear..... 1.50

Valve

Galvanized hoop..... 3.00

COVERED BUCKETS



Best nest of 3..... *Per nest*, \$3.25
Best nest of 2, small and medium..... *Per nest*, 1.75
Best No. 1, large, 50 lb..... *Each*, 1.45
Best No. 2, medium, 25 lb..... *Each*, 1.05
Best No. 3, small, 12 lb..... *Each*, .70

OAK MEASURES



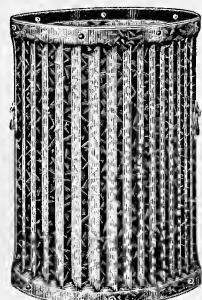
Unvarnished

Nest of 5, with half-bushel, iron bound..... *Per nest*, \$4.35
Single, 1 quart..... .35
Single, 2 quarts..... .50
Single, 4 quarts..... .75
Single, peck..... .95
Single, half-bushel..... 2.00

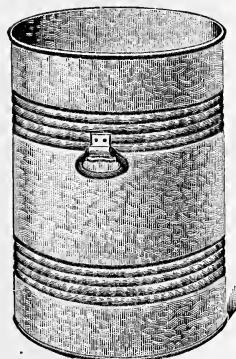
Varnished

Nest of 5, with half-bushel, iron bound..... *Per nest*, \$4.70
Single, 1 quart..... .45
Single, 2 quarts..... .60
Single, 4 quarts..... .85
Single, peck..... 1.10
Single, half-bushel..... 2.25

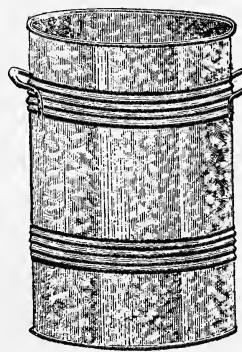
GALVANIZED ASH CANS



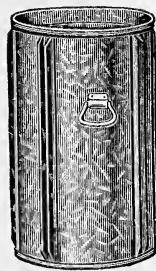
Special



No. 0



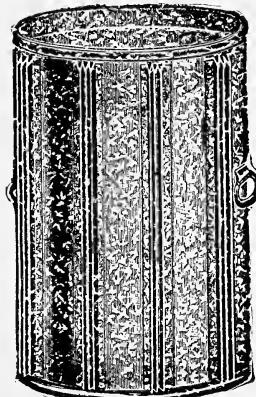
No. 1



Pride



Ash Can Cover



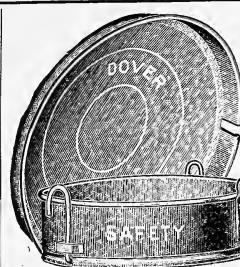
No. 1808

Each

Special. 17×24 in.....	\$1.80
No. 0. 17×25 in., without cleats.....	1.95
No. 1. 18×26 in., without cleats, heavy hoops top and bottom.....	3.25
Pride 17×25 in., triple cleats.....	3.65
No. 1808. 18×26 in., triple cleats.....	4.00

ASH CAN COVER

Galvanized, 17 in.....	Each, \$0.65
Galvanized, 18 in.....	Each, .75
Galvanized, 20 in.....	Each, 1.20



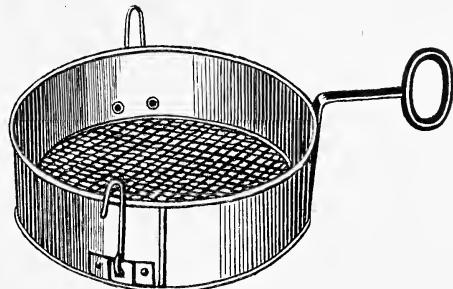
ASH SIFTERS

Safety, Galvanized

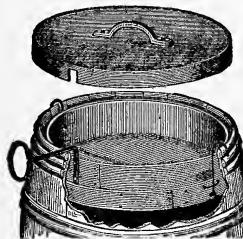
Each

With cover..... \$2.25

Without cover.. 1.35



Success Galvanized. Without cover..... Each, \$0.95



Champion



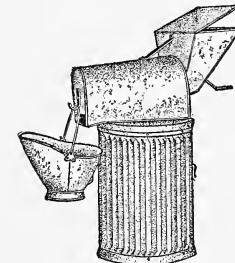
Rapid All Wire

With cover.....	Each, \$1.50
Without cover.....	Each, .80

Rapid All Wire

With cover.....	Each, \$1.80
Without cover.....	Each, 1.00

ASH SIFTERS



New England

Each, \$3.35

New England.....

COMMON ROUND ASH SIFTERS

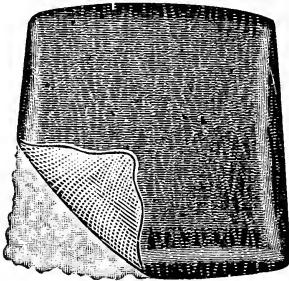
No. 19.....	Each, \$0.45
No. 17.....	Each, .50

STOVE POKER



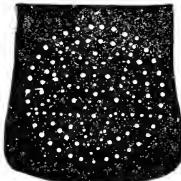
Each..... \$0.15

UPHOLSTERY CHAIR SEATS

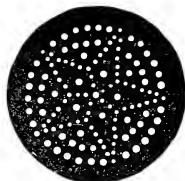


12 in. Ball Top, Black Leather Grain.....	Each, \$0.30
13 in. Ball Top, Black Leather Grain.....	Each, .30
14 in. Ball Top, Black Leather Grain.....	Each, .35
12 in. Ball Top, Tan Spanish Grain.....	Each, .30
13 in. Ball Top, Tan Spanish Grain.....	Each, .30
14 in. Ball Top, Tan Spanish Grain.....	Each, .35

WOOD CHAIR SEATS — LIGHT COLOR



Ball Top



Round

Ball Top

	Each	Each	
12 in.....	\$0.15	16 in.....	\$0.30
13 in.....	.20	17 in.....	.30
14 in.....	.20	18 in.....	.30
15 in.....	.25		

Round

14 in.....	\$0.20	16 in.....	\$0.25
15 in.....	.24		

FIBRE CHAIR SEATS

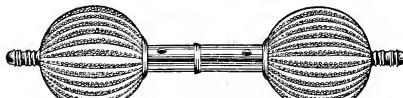
Ball Top — Black or Tan

	Each	Each	
12 in.....	\$0.10	15 in.....	\$0.15
13 in.....	.10	16 in.....	.15
14 in.....	.10		

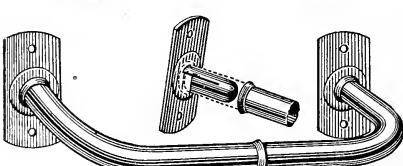
CURTAIN RODS



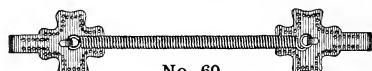
No. 64



No. 81F



No. 143X

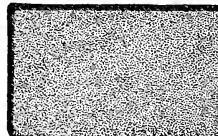


No. 60

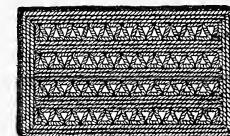
CURTAIN RODS

No. 64.....	Each, \$0.10
No. 81F.....	Each, .10
No. 143X.....	Each, .10
No. 60. Brass Spring Sash.....	Each, .10
No. 70. Nickel Finish Spring Sash.....	Each, .05

DOOR MATS



Brush Cocoa



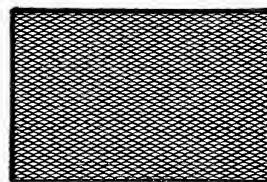
Chain or Rope

Brush Cocoa Mat

	Each
No. 1. Light brush, 14×25.....	\$1.10
No. 2. Light brush, 15×27.....	1.20
No. 3. Light brush, 18×30.....	1.60
No. 4. Light brush, 20×33.....	1.90
No. 5. Light brush, 22×36.....	2.35
No. 1. Medium brush, 14×25.....	1.50
No. 2. Medium brush, 16×27.....	1.80
No. 3. Medium brush, 18×30.....	2.20
No. 4. Medium brush, 20×33.....	2.65
No. 5. Medium brush, 22×36.....	3.30
Extra brush, 14×25.....	1.80
Extra brush, 16×27.....	2.20
Extra brush, 18×30.....	2.75
Extra brush, 20×33.....	3.40
Extra brush, 22×36.....	4.20

Chain or Rope Mat

	Each
No. 1. Chain or Rope, 14×25.....	\$1.65
No. 2. Chain or Rope, 16×27.....	2.00
No. 3. Chain or Rope, 18×30.....	2.50
No. 4. Chain or Rope, 20×33.....	3.00
No. 5. Chain or Rope, 22×36.....	3.50



Clinton Galvanized Steel Wire Mat

16×24 in.....	Each, \$1.80
18×30 in.....	Each, 2.25
22×36 in., 1 brace rod.....	Each, 3.15
26×48 in., 1 brace rod.....	Each, 4.30
30×48 in., 1 brace rod.....	Each, 4.75
36×48 in., 2 brace rod.....	Each, 5.85
36×60 in., 2 brace rod.....	Each, 7.65
36×72 in., 2 brace rod.....	Each, 9.45

Mats made to order, all sizes. Price on application.

TOWEL RACKS

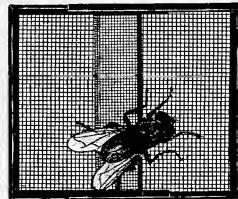


3 arm, varnished, plain ends.....	Each, \$0.15
3 arm, varnished, nickel cap.....	Each, .20

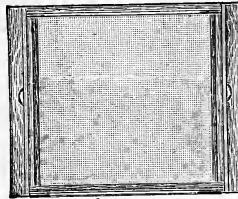


Common Pine.....	Each, .15
Cherry.....	Each, .20

WINDOW SCREENS



Sherwood Metal Frame



Continental Extension

Continental Custom Plain Window Screen Frames

	Each
No. M 3636. 36×36 in.	\$.80

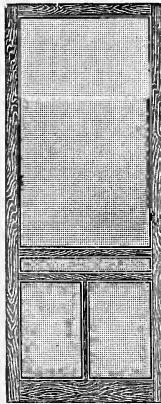
Sherwood Metal Frame

No. 18. 18 in. high, 22 in. closed, 33 in. open.	.75
No. 24. 24 in. high, 22 in. closed, 33 in. open.	.90
No. 24A. 24 in. high, 24 in. closed, 37 in. open.	1.00
No. 30. 30 in. high, 24 in. closed, 37 in. open.	1.25

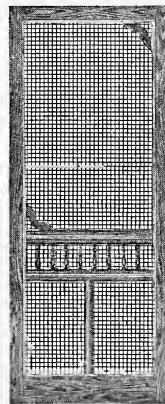
Continental Extension

No. 1833. 18 in. high, 21 in. closed, 33 in. open.	.65
No. 2433. 24 in. high, 21 in. closed, 33 in. open.	.75
No. 2437. 24 in. high, 23 in. closed, 37 in. open.	.80

SCREEN DOORS



No. 281



No. 314

No. 281. $\frac{7}{8}$ in. thick

Each

Black walnut, stained, 2 ft. 6 in. × 6 ft. 6 in.	\$2.75
Black walnut, stained, 2 ft. 8 in. × 6 ft. 8 in.	2.85
Black walnut, stained, 2 ft. 10 in. × 6 ft. 10 in.	2.95
Black walnut, stained, 3 ft. × 7 ft.	3.25

No. 314. $\frac{7}{8}$ in. thick.

Each

Fancy Vanished, 2 ft. 6 in. × 6 ft. 6 in.	\$3.60
Fancy Varnished, 2 ft. 8 in. × 6 ft. 8 in.	3.75
Fancy Varnished, 2 ft. 10 in. × 6 ft. 10 in.	3.90
Fancy Varnished, 3 ft. × 7 ft.	4.05

No. 384 — Fancy Two Coat Varnished, $\frac{7}{8}$ in. thick.

Each

2 ft. 6 in. × 6 ft. 6 in.	\$3.40
2 ft. 8 in. × 6 ft. 8 in.	3.55
2 ft. 10 in. × 6 ft. 10 in.	3.70
3 ft. × 7 ft.	3.85

No. 555 — Fancy Two Coat Varnished. $1\frac{1}{8}$ in. thick

Each

2 ft. 6 in. × 6 ft. 6 in.	\$6.15
2 ft. 8 in. × 6 ft. 8 in.	6.40
2 ft. 10 in. × 6 ft. 10 in.	6.60
3 ft. × 7 ft.	6.85

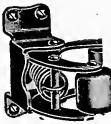
ANTI-SAG SCREEN DOOR BRACE

42 in.	Each, \$.15
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DOOR SPRINGS

Perfection Screen

No. 2. Light.....	Each, \$.10
No. 3. Medium.....	Each, .10
No. 4. Heavy.....	Each, .10



SCREEN DOOR CATCH

Superior.....	Each, \$.25
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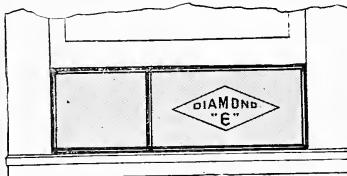
SCREEN-DOOR HINGE

Arcade Hold Back	Per pair.....
	\$.20

SCREEN DOOR SETS

Arcade. No. 7	Per set, \$.35
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DIAMOND "E" Fresh Air Window Ventilators



Will not rust, corrode, or warp. All metal Frames, Black enamel finish.

No. 02. 8 in. high, 20 in. closed, 30 in. open..... Each, \$.75

No. 2. 11 in. high, 20 in. closed, 39 in. open..... Each, .90

No. 4. 16 in. high, 20 in. closed, 39 in. open..... Each, 1.20



FLY SWATTERS

No. 4.....	Each, \$.10
Hitem.....	Each, .10

FLY KILLERS



Velvet Bound.....	Each, .10
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TANGLEFOOT FLY PAPER



Tanglefoot Fly Paper, 50 double sheets in carton Per carton, \$1.25
Tanglefoot Fly Ribbon..... Two for .05



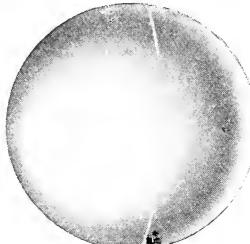
AEROXON FLY CATCHER

Two for	\$.05
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SPONGE RUBBER BALLS



No. 1214
No. 1214. Black.....
No. 16. Red.....



No. 16
Each, \$0.15
Each, \$0.30

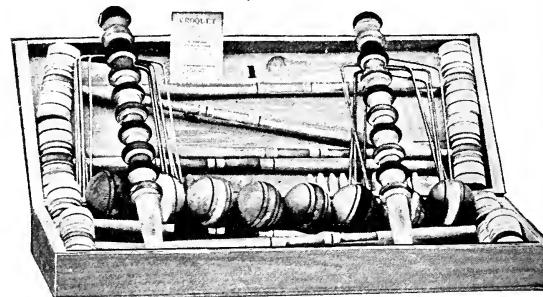


No. 100
No. 100. White.....
No. 100. Large white.....
No. 25. Tennis.....

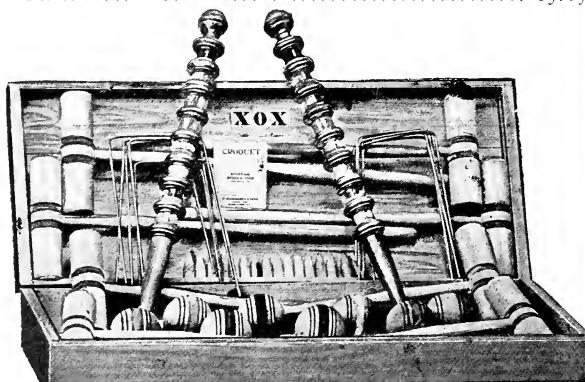


No. 25
Each, \$0.30
Each, .50
Each, .30

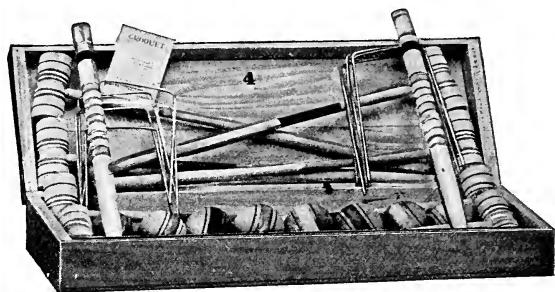
CROQUET SETS



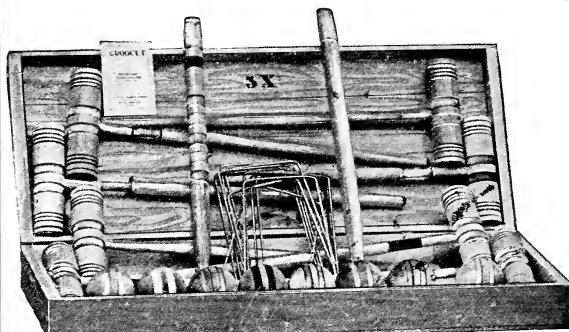
No. 1. Eight Ball Set. Turned by hand, eight finely painted mallets six inches long, neatly turned handles with nine fancy stripes, highly polished three-striped balls, two large beaded, fancy striped stakes, heavy galvanized arches. *Per set*..... \$5.85



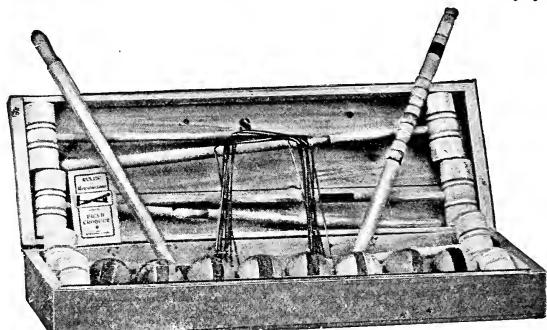
No. XOX. Eight Ball Set. Rock Maple, polished, all hand turned, highly finished with genuine white shellac, and lathe polished. Mallets eight inches long, short handles, nicely painted balls, two large beaded four-colored stakes, with heavy galvanized arches. *Per set*, \$8.75



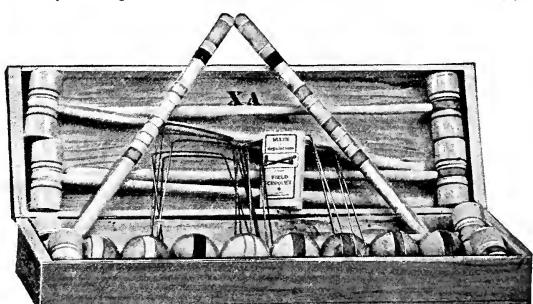
No. 4. Full Eight Ball Set. Full varnished, selected polished balls, white maple handles with three painted stripes on balls and wide painted striped handles, nicely beaded turned mallets five and one-half inches long, galvanized arches. *Per set*, \$4.25



No. 5X. Eight Ball Set. Professional. Full varnished and striped balls, handles and stakes, eight-inch long mallets and short handles painted and striped, galvanized arches. *Per set*..... \$5.50

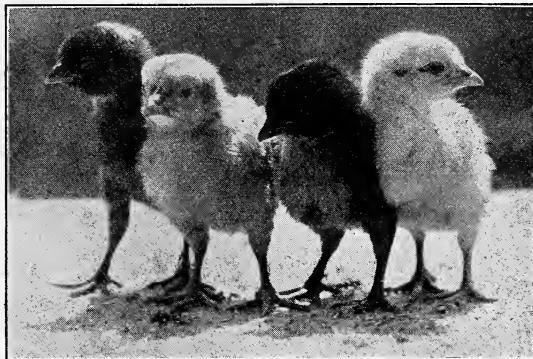


No. 8. Eight Ball Set. Rock maple balls and stakes painted and varnished. Plain beaded mallets, with maple handles, painted, ten polished iron arches. *Per set*, \$3.00



No. XA. Eight Ball Set. All parts varnished, mallets painted two eight-colored stakes, ten polished arches. *Per set*, \$3.75

BRECK'S POULTRY SUPPLIES, ACCESSORIES, FEEDS and REMEDIES



BABY CHICKS

We have received many letters commending our Chicks; the following is an extract from a pleased owner of Breck's Quality Chicks:

"The fifty White Wyandottes arrived on May 15th that I ordered from you—and without a doubt they are the liveliest, fluffiest and best little baby chicks that I have ever owned. The hatchery shipped fifty-two in all, and every one was alive and still are, and I certainly expect to raise each and every one.

I put them under my brooder and just let them rest until this morning, then watered each and fed "Pratt's" on a board and let them alone. After a while I went to see them and they certainly are a dandy lot; so lively and busy scratching in the chaff. Next year you will surely get my order for the Martin Strain—about eight times as many and earlier."

We can supply Chicks of all the popular breeds in any quantity for delivery commencing March first and extending through the season. *Safe delivery by parcel post is guaranteed.*

Prices, subject to change without notice, as follows:

	²⁵ Chicks	⁵⁰ Chicks	¹⁰⁰ Chicks
Rhode Island Reds.....	\$7.00	\$13.50	\$25.00
Barred Rocks.....	7.00	13.50	25.00
White Rocks.....	7.00	13.50	25.00
Buff Orpingtons.....	7.50	14.50	27.50
White Wyandottes.....	8.00	15.75	30.00
Silver Wyandottes.....	8.00	15.75	30.00
Anconas.....	7.50	14.50	27.50
Single Comb White Leghorns.....	7.00	13.50	25.00
Single Comb Brown Leghorns.....	7.00	13.50	25.00
Single Comb Black Leghorns.....	7.00	13.50	25.00
Single Comb Buff Leghorns.....	7.00	13.50	25.00
Single Comb Black Minorcas.....	7.50	14.50	27.50
Light Brahmases.....	9.25	18.00	35.00
Black Langshans.....	9.25	18.00	35.00

For those who want fancy stock, we can furnish a limited number of chicks bred from the stock of our best known breeders as follows:

	²⁵ Chicks	⁵⁰ Chicks	¹⁰⁰ Chicks	Each
Parks Barred Rocks.....	\$9.25	\$18.00	\$35.00	
Thompson's Ringlet-Barred Rocks.....	9.25	18.00	35.00	
J. S. Martin's Regal-Dorcias Wyandottes.....	9.25	18.00	35.00	
Postner's Wingold Buff Orpingtons.....	9.25	18.00	35.00	
Cook's White Orpingtons.....	9.25	18.00	35.00	
C. S. Pape's Big Type Black Minorcas.....	9.25	18.00	35.00	

PRAIRIE STATE INCUBATORS

"First in Efficiency"



Prairie State Incubators are the standard of hatching efficiency among present-day devices of their kind. Invented in 1881, fully patented, and marketed first in 1889, they at once took their position as the criterion of construction in hot-air type incubator development. Conceived first after the principle of the hen's nest stolen upon the ground, they have been steadily developed and improved in detail, adhering always to first essential principles—Down-Draft Ventilation, Top Radiant Heat, and Applied Moisture.

The Prairie State embodies the most progressive and advanced ideas of artificial incubation. It absolutely and correctly controls within the egg-chamber—regardless of outside conditions—the three factors which effect incubation: temperature, ventilation and moisture. When these are right—and they are right in the Prairie State—fertile eggs must hatch husky chicks.

If you are satisfied only with the best, you will surely prefer the Prairie State. Your Agricultural Experiment Station and the successful poultrymen of your locality will recommend it to you. You owe it to yourself to study the complete catalogue. Mailed free on request. Write for it.

No. 0. 100 eggs, 135 lbs. crated.....	\$30.00
No. 1. 150 eggs, 160 lbs. crated.....	37.50
No. 2. 240 eggs, 240 lbs. crated.....	52.50
No. 3. 390 eggs, 325 lbs. crated.....	67.50

Nos. 0 and 1 right hand only, 1 egg tray. Nos. 2 and 3 right or left, 2 egg trays. Equipped completely with egg trays, nursery mats, sand trays, egg tester and thermometers.

OAKES ELECTRIC INCUBATOR

Patented June 26, 1923



The Oakes Electric Incubator is light and compact, and occupies small space. It is metal throughout except the insulation, which is porcelain, asbestos and fibre. The case is double walled and packed with wool felt to hold the heat.

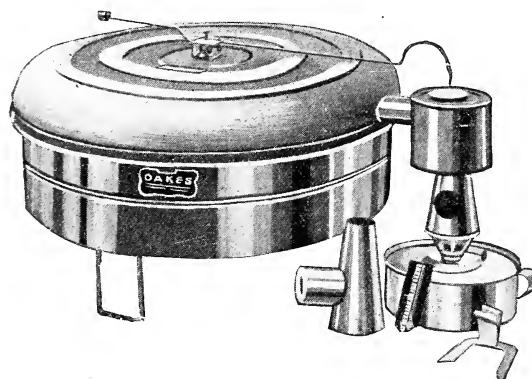
A set of legs and a double brooder curtain are furnished as part of the equipment with each Electric Incubator.

It requires only about five minutes to remove the lid from the incubator and attach the legs and curtain, making a most perfect hover.

These machines are furnished for either 32 volt or 110 volt currents. Used on either direct or alternating currents.

No. B70—60-egg Oakes Electric Incubator, complete with thermometer, hover-curtain and legs. Packed one in a box. Shipping weight, about 25 lbs. *Each, \$21.00*

No. B71—100-egg Oakes Electric Incubator, complete with thermometer, hover-curtain and legs. Packed one in a box. Shipping weight about 40 lbs. *Each, \$30.00*



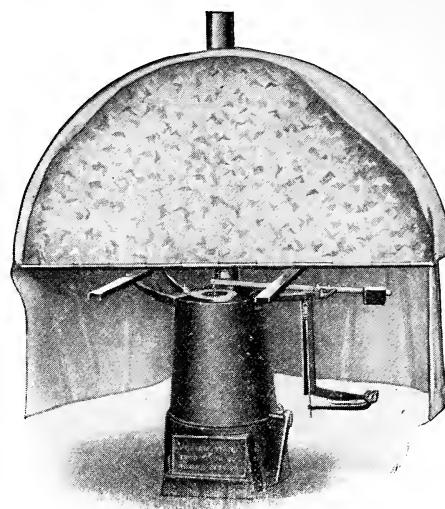
HOT-WATER INCUBATOR

A closed view showing the all-metal outer shell with lamp in place and machine ready for use. The water tank is made of copper to prevent rusting and connects with the heating element in the top, giving equal distribution of heat. The Oakes air-cooled safety burner is directly under the water tank.

Made of the same strong durable materials and with the same care and attention as the Oakes Electric Incubator, described above.

No. B80—60-egg capacity. Shipping weight about 25 lbs., *Each, \$13.50*

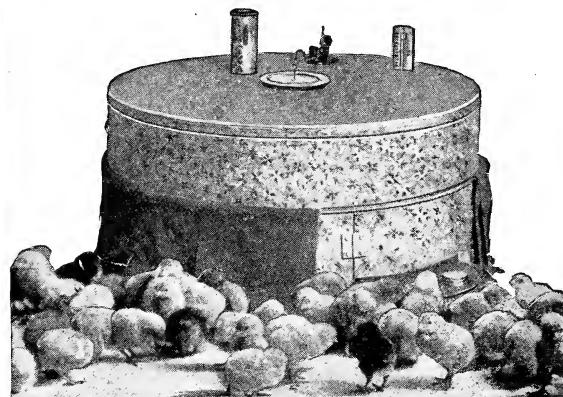
No. B81—100-egg capacity. Shipping weight about 40 lbs., *Each, \$18.25*



PRAIRIE STATE "JUNIOR" STOVE BROODERS

The Prairie State Stove Brooder is the successful solution to the question of economical brooding of chickens through the use of large flocks. It is the accepted brooder of the large poultry farm, and, like the Prairie State Incubator, it is the standard equipment of the agricultural colleges and experimental stations of both the United States and Canada.

No. 1 Junior Stove Brooder, capacity 250 to 1,000 or more, weight 115 lbs., crated.....	<i>Each, \$25.00</i>
No. 0 Junior Stove Brooder, capacity 200 to 700 or more, weight 80 lbs., crated.....	<i>Each, \$20.00</i>



PRAIRIE STATE "JUNIOR" PORTABLE HOVER

The "Junior" Portable incorporates in its plan, manufacture and adaptability all those elements of efficiency which have made Prairie State Products the criterion of excellence and refinement in Incubator and Brooder design. At the same time it is offered at a price so low as to make it a truly surprising purchase.

Adaptable alike to beginners or to experts desiring to rear in small flocks for foundation stock, where conservation of vitality and development of vigour are essential, the "Junior" is one of the remarkable offerings of the day.

Prairie State Junior Portable Hover..... *Each, \$10.00*

THE MARVEL COLONY BROODER



Capacity	No.	Hover Diameter	Price
300 Chicks	25	42 in.	\$22.50
1000 Chicks	25	52 in.	26.50
1500 Chicks	30	60 in.	32.00

Capacity. Do not misconstrue the statement that 1500 can be taken care of at one time; it is possible for that many very young chicks for a short period.

The 52-inch hover provides enough space in the circle to brood more than 300 chicks very comfortably, through the entire brooding season; the 42-inch hover, up to 300 with ease. The 60-inch hover is adapted for large houses and large flocks, easily taking care of 500.

The Heater. The heater built of heavy iron castings stands 27 inches high. The fire-pot contains enough coal to keep the fire going through the night in the coldest weather.

The Anti-Clinker grate is both shaking and dumping. It removes the ashes without sifting the fire, because it does not allow the small coals to fall through.

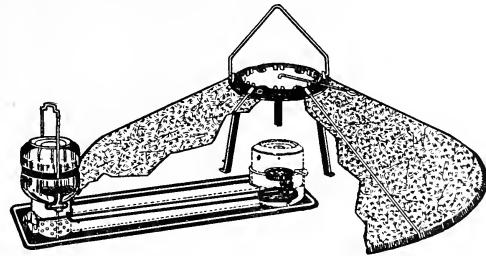
Control. The important feature is the Super Automatic Check Control. Notice the wire connecting lever between the draft door and the check box. When the desired temperature is attained the Door closes and the Check opens simultaneously; operating on a few degrees' variation the door opens and the check closes also simultaneously. As you value your success and the lives of the little chicks, insist on a Brooder with the Super Automatic Check Control.

WAFER THERMOSTATS

Incubator Wafers, 4-inch.....	Each, \$1.00
Brooder Wafers, 3-inch.....	Each, .75
Mammoth Wafers, 5-inch.....	Each, 1.25

INCUBATOR HYGROMETER

The Incubator Hygrometer is an instrument devised to determine the percentage of moisture in the air of an incubator. By its use the operator will be able to determine the exact amount of moisture required to bring out a successful hatch. Our net price..... Each, \$2.00



VALVELESS BLUE-FLAME HOVER

Capacity	No.	Canopy	Price
300	22-29	32 in.	\$16.00
500	22-30	42 in.	18.00
1,000	22-31	52 in.	20.00

A new Improved Hover which we have tested and tried and which we are convinced is the best of its type made.

The heater is valveless and wickless and of positive oil level which, when once adjusted, is not affected by climatic changes.

Some new features of this hover place it ahead of anything that we have seen.

A draft protector is used to prevent the burner from flaring when a draft strikes the hover. This works perfectly and insures a steady even-burning flame at all times.

The air for the burner is drawn through an air duct and super-heated, which results in great fuel economy, a gallon burning for twenty-five hours. *Circular mailed on request.*

OAKES ELECTRIC EGG TESTER

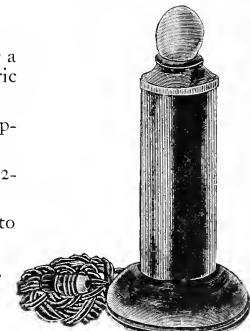
This tester fills the long-felt need for a cheap, substantial, well-built electric egg tester.

It is made of sheet metal and is equipped with drop cord and bulb.

This tester can be attached to any 32-volt or 110-volt current.

Nothing to get out of order; easy to operate.

No. B76—Packed one in a box. Shipping weight, 2 lbs. Each, \$1.75



Prairie State Egg Tester..... Each 45¢

THERMOMETERS

It is quite important in the successful operation of incubators and the securing of good hatches that a thermometer of known accuracy be used. The thermometers here listed are manufactured especially for us. They are thoroughly seasoned before being mounted. Each and every thermometer is guaranteed by the manufacturer to be accurate within one-fourth of a degree.

No. 403. Incubator Thermometer.....	Each, \$1.00
No. 6. Brooder Thermometer.....	Each, 1.00
No. 400. Brooder Thermometer.....	Each, .75

SPECIAL HOVER



An Ideal Hover for any number of chicks up to fifty. The Special Hover was designed to meet the requirements of the raiser of a small flock of poultry around the home or around the farm. It is substantially built and of fireproof construction throughout. With the exception of the legs the entire hover, including the lamp, is made of heavy galvanized iron, no wood whatever being used. This insures a long period of usefulness, as there is nothing to wear out.

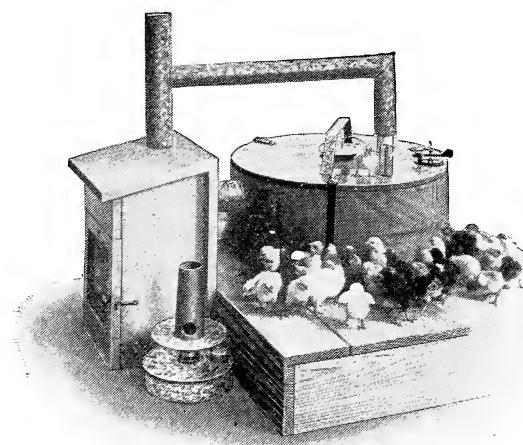
It is so inexpensive and yet so serviceable that no raiser of a small flock can afford to be without one. Buyers of Baby Chicks everywhere should arrange for a Special Hover when they arrange for their chicks.

Special Hover.....*Each, \$6.00*

PRAIRIE STATE COMBINATION COLONY BROODER

Outdoor, weight, crated, 208 lbs.....*Each, \$35.00*

Heat Regulator attached to the above brooder, \$2.00 extra.



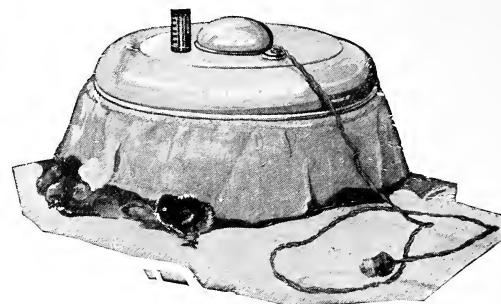
PRAIRIE STATE UNIVERSAL HOVERS

The Prairie State Universal Hover, first in the market and more extensively imitated than any other brooder, has a universal sphere of usefulness. It is adaptable to any form of permanent outdoor brooder, or any colony house, and may be moved from one house to another as flocks pass the brooding stage. It is the only hover ventilated by actual outside fresh air.

Complete Hover for outdoor use, with Lamp Case.....	\$9.00
Complete Hover for outdoor use, with Regulator.....	10.50
Complete Hover for indoor use, no Lamp Case.....	8.00
Complete Hover for indoor use, with Regulator	9.50

OAKES ELECTRIC HOVER

Patented June 26, 1923



This is the handiest and easiest to operate of any brooder you ever saw. Its operation is as near automatic in every way as possible. No lamp to bother with, no fumes or smoke to stunt the chicks, no extreme fluctuations in temperature.

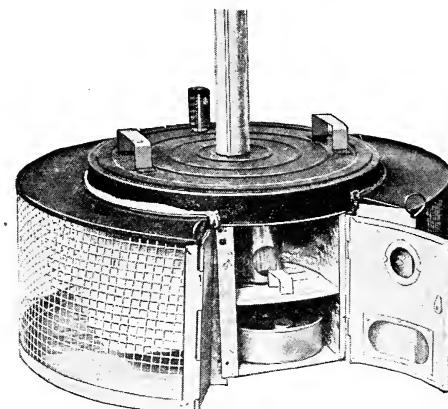
Furnished complete with automatic regulating attachments, brooder thermometer and curtain.

Each complete

No. B73 — 18-in. Electric Hover (50-75 chicks)..... \$15.00
Packed one in a box; shipping weight, 13 lbs.

No. B74 — 22-in. Electric Hover (75-100 chicks)..... 20.00
Packed one in a box; shipping weight, 18 lbs.

OAKES ECONOMY HOVER

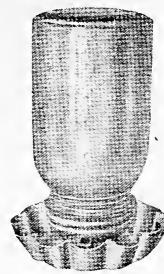


Showing Hover with Cage

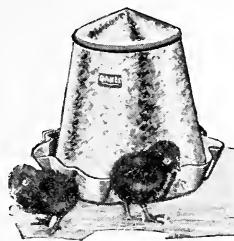
The Oakes Economy Hover is simple in construction and made of steel throughout, and all parts are seamed or welded together, making it light, strong and durable. It is complete in itself and can be conveniently lifted by the two handles without disturbing the lamp. It can be used anywhere, as it stands on a level floor; no platform, false floor, or other preparation necessary.

No. B86 — Hover (22-inch drum) without cage. Packed one in a box. Shipping weight, about 32 lbs. *Each, \$10.00*

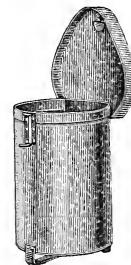
No. B88 — Hover (22-inch drum) with cage. Shipping weight 43 lbs.....*Each, \$13.00*



Automatic Fountain and Feeder



Two-Piece Fountain



Improved Drop Bottom Fountain



Sanitary Drop Bottom Fountain

AUTOMATIC FOUNTAIN and FEEDER

An absolutely sanitary fountain made to fit any half-gallon, quart or pint Mason Jar. Pan is hinged to the wire so that it is not necessary to remove the jar in order to refill it.

No. B50—Packed one dozen or one gross in a box. Shipping weight, per dozen, 3 lbs.; per gross, 40 lbs.....*Each, \$1.10*

TWO-PIECE DRINKING FOUNTAIN

This fountain consists of a cone-shaped bucket or can, and a stamped pan which forms the base and the trough from which the fowls drink.

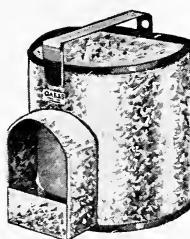
The top is rounded so as to prevent chickens from standing or roosting on it. Made in three sizes.

Each

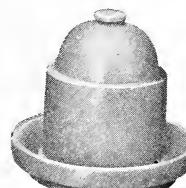
No. B61, 1-qt., packed 12 in a box, shipping weight, 12 lbs. *\$1.30*

No. B62, 2-qt., packed 12 in a box, shipping weight, 15 lbs. *.45*

No. B63, 3-qt., packed 12 in a box, shipping weight, 18 lbs. *.60*

OAKES WALL FOUNTAIN

Wall Fountain



Earthenware

IMPROVED DROP BOTTOM FOUNTAIN

The pan, which forms the trough, is hinged at the back and fastened by a catch in front. The flat back allows the fountain to be firmly placed against the wall and the drop bottom enables the fount to be thoroughly cleaned and kept in a sanitary condition.

No. B17—2 quarts. Packed twelve in a box. Shipping weight, 22 lbs.....*Each, \$1.00*

No. B18—1 gallon. Packed six in a box. Shipping weight, 14 lbs.....*Each, \$1.25*

No. B19—2 gallons. Packed six in a box. Shipping weight, 20 lbs.....*Each, \$1.65*

No. B20—4 gallons. Packed four in a box. Shipping weight, 22 lbs.....*Each, \$2.25*

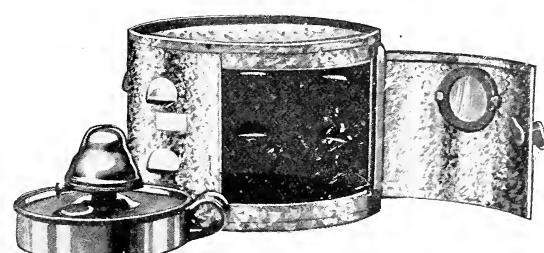
SANITARY DROP BOTTOM FOUNTAIN

This Fountain is rectangular in shape with a hinged bottom which is fastened by a brass catch in front. The guard over the drinking space prevents litter from clogging the fount.

No. B23—2 quarts. Packed twelve in a box. Shipping weight, 24 lbs.....*Each, \$1.00*

No. B24—1 gallon. Packed six in a box. Shipping weight, 20 lbs.....*Each, \$1.25*

No. B25—2 gallons. Packed six in a box. Shipping weight, 30 lbs.....*Each, \$1.50*

O. K. FOUNTAIN HEATER

This heater can be used anywhere with perfect safety, as it has an O. K. Safety Lamp, and it stands firmly so that the fowls can not overturn it.

Made of galvanized iron and is just the thing to keep water from freezing.

No. B31—Packed 1 in a box. Shipping wt., 5 lbs. *Each, \$1.75*

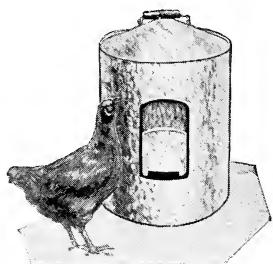
EARTHENWARE FOUNTAINS

A sanitary fountain which is a great favourite.

Each

1 quart.....	<i>\$.50</i>
2 quart.....	<i>.70</i>
4 quart.....	<i>.85</i>
6 quart.....	<i>1.25</i>
8 quart.....	<i>1.50</i>

OAKES THERMO WATER FOUNTAIN



Made of heavy galvanized iron, this fountain operates on the same principle as the thermos bottle or fireless cooker. It provides a better drinking supply for the fowls, and saves time and bother for the attendant. The drinking cup does not project beyond the outer can, consequently the water does not get soiled by litter or filth. The Oakes Thermo Fountain is sold on a positive guarantee to give satisfaction in every way.

2-gal. size.....	Each, \$3.75
3-gal. size.....	Each, 4.25
5-gal. size.....	Each, 5.25



OAKES AUTOMATIC FOUNTAIN

This is a new kind of drinking fountain. It is made with a thoroughly reliable, well-made, shutoff in the trough that enables it to be filled from the top without spilling the water. The trough is covered with a hood which keeps the birds from fouling the water. The top is conical which prevents roosting on it. Handled just like a bucket. One of the best fountains made. No. B21 — 2-gallon capacity. Packed six in a box. Shipping weight, 30 lbs..... Each, \$2.25

No. B22 — 4-gallon capacity. Packed four in a box. Shipping weight, 34 lbs..... Each, \$3.00

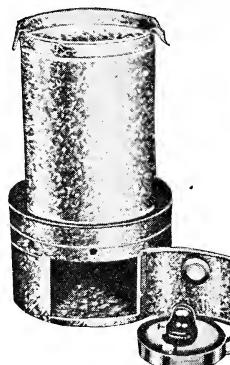


MARKING PUNCHES

For marking young chicks and poultry.

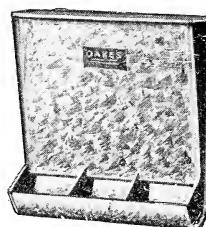
Pettey's Punch.....	Each, \$0.25
"Money Back".....	Each, \$0.40

MAMMOTH COMBINATION FOUNTAIN and HEATER

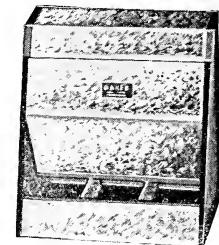


No. B30 — Weight, 27 lbs..... Each, \$5.95

GRIT and SHELL BOXES



B32, 33 or 34



B 36 or B 55

These three compartment grit and shell boxes are well made throughout and meet the need for inexpensive outfits that will give satisfaction.

No. B55 — 6 inches. Chick size. Packed 12 in a box. Each, \$0.85

No. B32 — 8½ inches. Packed six in a box. Weight, 32 lbs. Each, \$0.80

No. B33 — 12 inches. Packed six in a box. Weight, 40 lbs. Each, \$1.10

No. B34 — 16½ inches. Packed six in a box. Weight, 46 lbs. Each, \$1.20

No. B36 — Packed six in a box. Shipping weight, 18 lbs. Each, \$1.10

INCUBATOR LAMPS

Each

No. 1. Lamp, Burner and chimney, using $\frac{1}{2}$ -inch wick. \$1.00

No. 2. Lamp, Burner and chimney, using 1-inch wick.... 1.35

No. 3. Lamp, Burner and chimney, using $1\frac{1}{2}$ -inch wick... 1.75

Brooder Lamp, complete. Weight, 4 lbs.... 1.50

No. 1. Sun Hinge Burner..... .50

No. 2. Sun Hinge Burner..... .60

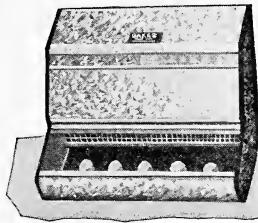
No. 3. Sun Hinge Burner..... .75

No. 1. Wicks..... Per dozen, .20

No. 2. Wicks..... Per dozen, .30

No. 3. Wicks..... Per dozen, .40

This outfit makes it easy to provide warm water for your fowls all the time. While made especially for large flocks, this heater is so economical that it can be used for small flocks at a minimum of expense. The extra deck we have provided utilizes all the heat, deflecting it against the water tank, including the edges. Another big advantage of this fountain is that it allows the chickens to drink all around it. Fountain holds eight full gallons, heated with a chimneyless burner, using common kerosene.

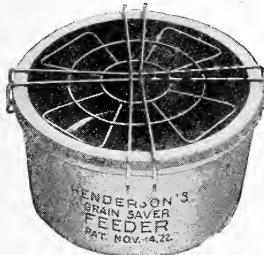


OAKES IMPROVED HANDY HOPPER

The Improved Handy Hopper is made of galvanized iron throughout. All parts are spot-welded together. It is provided with hinged lid over both hopper and trough, making it rat and mouse proof, as well as dirt proof.

Hopper is 15 inches in height and 4½ inches in width and made in four lengths.

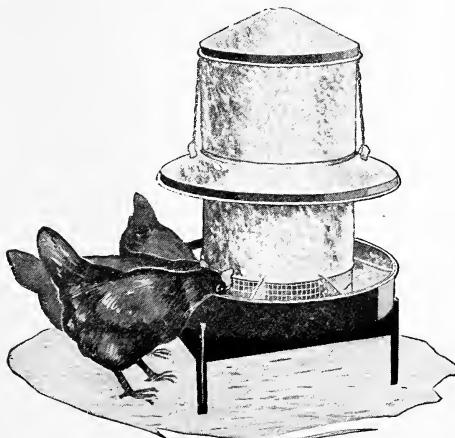
No. B12 — 12 inches in length.	Packed six in a box.	Shipping weight, 30 lbs.	Each, \$1.75
No. B13 — 18 inches in length.	Packed six in a box.	Shipping weight, 38 lbs.	Each, \$2.25
No. B14 — 24 inches in length.	Packed four in a box.	Shipping weight, 35 lbs.	Each, \$2.75
No. B15 — 36 inches in length.	Packed two in a box.	Shipping weight, 32 lbs.	Each, \$3.90



HENDERSON'S GRAIN SAVER FEEDER

Is made of stoneware with cross bars and grids so arranged that they cannot scatter the feed.

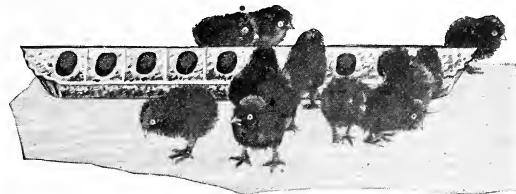
4 quart size.....	Each, \$.75
6 quart size.....	Each, \$1.10



MAMMOTH ROUND FEED HOPPER

This outfit can't be beat for feeding dry mash to large flocks of fowls. It is more compact and convenient than any other. Capacity — 100 lbs.

B10. Hopper only.....	Each, \$7.50
B11. Hopper with Stand.....	Each, 8.25



CHICK FEED TROUGH

Are well made of heavy galvanized iron and easy to take apart to fill. Are sanitary, as the chicks cannot get into the feed and therefore are unable to waste any.

No. B51 — 10-inch. Packed 12 in box. Shipping wgt., 10 lbs. Each, \$.30

No. B52 — 20-inch. Packed 12 in box. Shipping wgt., 17 lbs. Each, \$.45

ALUMINUM CHICK FEED TROUGH

Same as those listed above except made of aluminum throughout, especially for feeding milk. Won't turn black or become unsanitary. Won't form an acid in milk, as galvanized troughs do. Made in two sizes only.

No. B53 — 10-inch..... Each, \$.50

No. B54 — 20-inch..... Each, .75

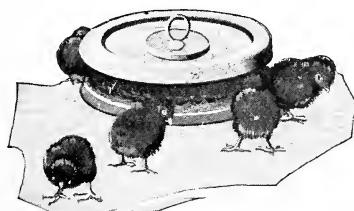


BABY CHICK FEED HOPPER

This Hopper is made of galvanized iron throughout. It is designed especially for feeding Baby Chicks. The Hopper is 8 inches in height and about 2¾ inches wide. It is made with an adjustable swinging front that eliminates any possibility of clogging.

No. B58, 10-inch size, packed six in a box, shipping weight, 16 lbs..... Each, \$1.35

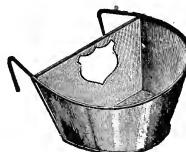
No. B59, 20-inch size, packed six in a box, shipping weight, 28 lbs..... Each, \$1.60



AUTOMATIC CHICK GREASER

The wick around the upper part of the greaser is saturated with oil (a mixture of two-thirds lard and one-third kerosene or black oil) and every chick which eats out of the pan will get its head thoroughly greased in a very few minutes.

No. B57 — Packed twelve in a box, shipping weight, 27 lbs. Each, \$1.25

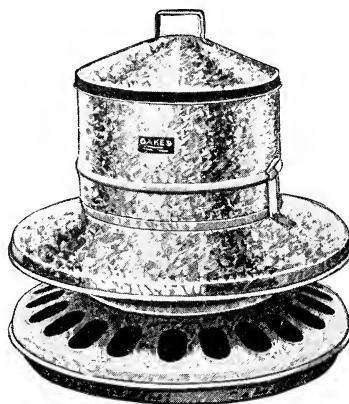


CAGE CUPS

For Feed and Water

Small.....	Each, \$.25
Medium.....	Each, .30
Large.....	Each, .35

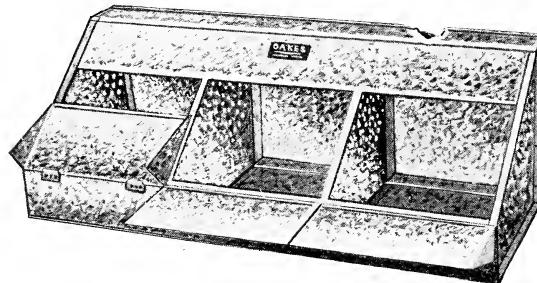
ROUND CHICK HOPPER



A neat, practical and durable hopper. Height, 14 inches; diameter of hopper, 7½ inches; diameter of pan, 12 inches.

No. B56 — Packed one in a box. Shipping weight, 5 lbs.
Each, \$1.75

SANITARY GALVANIZED STEEL HENS' NEST



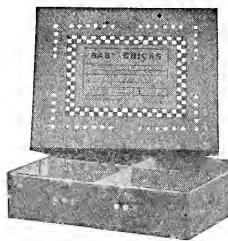
These metal nests are made in three compartments either to rest on a shelf or other support or hang against a wall. They are convenient, sanitary, and vermin proof. Each nest or compartment is 11 inches wide, 13 inches deep from front to back, and 12¾ inches in height at the back.

No. B45 — Three-compartment nest. Packed one in a crate. Shipping weight, crated, 30 lbs..... Each, \$3.25

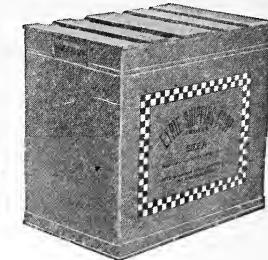
WIRE HENS' NESTS

Hens' nests made of wire are easily cleaned, and there is no possible chance of vermin troubling them. They can be attached to the building anywhere and taken down easily. Poultrymen who are using wire nests say they are very satisfactory.

Weight each 2 lbs..... Each, \$.25



Chick Box



Shipping Coop

BABY CHICK BOXES

Anderson 25 Chick size.....	Each, \$.25
Anderson 50 Chick size.....	Each, .35
Anderson 100 Chick size.....	Each, .50

ANDERSON ERIE COOPS

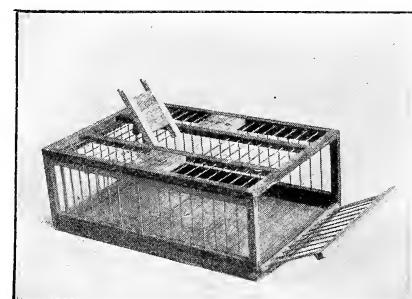
Used by the largest Breeders

Takes lowest express rates, light weight, but very durable. Only three parts, quick to assemble. Smooth interior protects your birds.

Size A. 18 x 12 x 18 inches.....	Each, \$.90
Size B. 21 x 12 x 22 inches.....	Each, 1.10
Size C. 21 x 18 x 22 inches.....	Each, 1.25
Size D. 21 x 24 x 22 inches.....	Each, 1.50

Quantity price on application.

POULTRY SHIPPING CRATES



FOLDING CRATE

A very durable crate, made of cypress and steel, which is very popular. When empty this crate can be folded flat and returned in a very compact form which increases its life.

Folding Crate..... Each, \$2.50

RIGID CRATE

This is the same crate as described above except that it is made rigid. It is shipped knocked down in four sections.

Rigid Crate..... Each, \$2.25

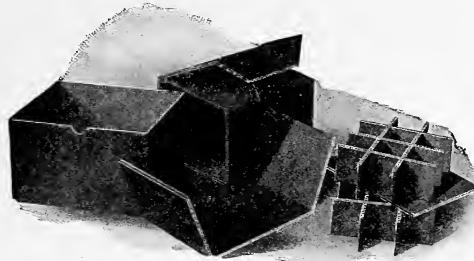
POULTRY-KILLING KNIVES



When this knife is properly used, there is no complaint as to imperfect bleeding of broilers or roasters.

Pilling French Pattern..... Each, \$.75

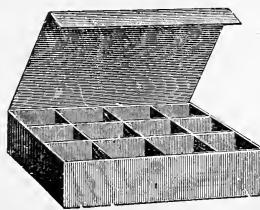
Wood Handled..... Each, .50



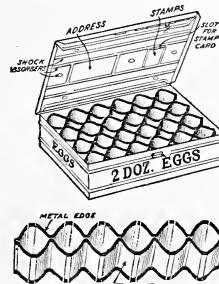
H & D PARCEL POST EGG BOXES

These boxes are made of double-faced water-proofed corrugated jute board with double thickness on each of the six sides of the box. The maximum of Strength, Lightness, and Shock-Absorption.

Each	12 Egg	24 Egg	36 Egg	48 Egg	60 Egg	72 Egg
	\$0.20	\$0.25	\$0.30	\$0.35	\$0.40	\$0.45



PASTEBOARD, 3 x 4 Eggs



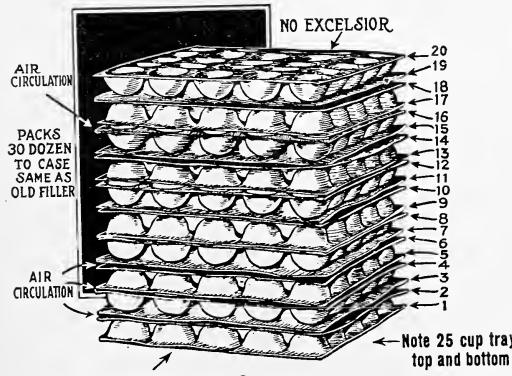
PARCEL POST METAL EGG CRATES

Metal Egg Crates do not need outside wrapping for mailing. This carrier will pay for itself in a few shipments by eliminating the loss in breakage.

1½ dozen.....	Each, \$1.25	4 dozen.....	Each, \$2.00
2 dozen.....	Each, 1.50	6 dozen.....	Each, 2.50
3 dozen.....	Each, 1.75		

PASTEBOARD EGG BOXES

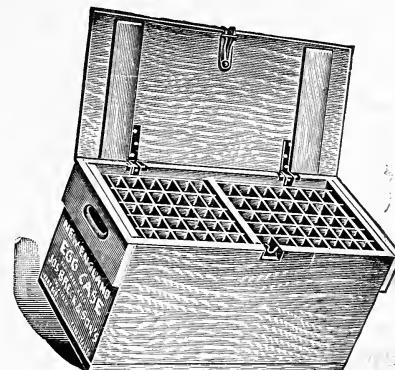
Folding, capacity, 1 doz. 3 x 4 eggs.....	Per 100, \$1.00
Folding, capacity, 1 doz. 2 x 6 eggs.....	Per 100, 1.60
Rigid, capacity, 1 doz.....	Each, .02
Rigid, capacity, 1½ doz.....	Each, .03½
Rigid, capacity, 2 doz.....	Each, .03¾



GILL EGG CASE FILLER

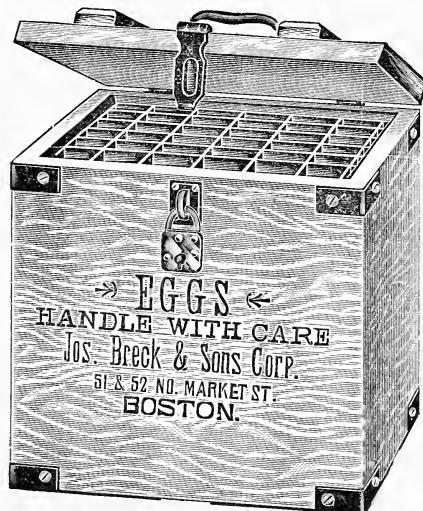
A popular Cup-shaped filler that will fit any standard 30-dozen case.

Per set for 30-dozen case..... \$0.45



NEW ENGLAND EGG CASES

Patent Hinges and Fastener, Extra Heavy Fillings.	
Capacity, 8 dozen.....	Each, \$1.60
Capacity, 15 dozen.....	Each, 1.80
Capacity, 30 dozen.....	Each, 2.25
Extra fillings, capacity 8 dozen	Per set, .25
Extra fillings, capacity 15 dozen	Per set, .40
Extra fillings, capacity 30 dozen	Per set, .40
Excelsior Egg Case pads, 11 x 12 inches.....	Each, .02



BRECK'S PRIVATE EGG CASE

No more broken or exchanged eggs.

Made of 3/4-inch stock, heavy japanned iron corners, with brass lock and two keys.

6 dozen.....	Each, \$4.25
9 dozen.....	Each, 4.75
15 dozen.....	Each, 5.25
Extra fillings, capacity, 6 dozen.....	Per set, .25
Extra fillings, capacity, 9 dozen.....	Per set, .25
Extra fillings, capacity, 15 dozen.....	Per set, .25

BRECK'S EGG CARRIER

Used to carry eggs in rigid egg boxes.

Capacity	Size of box	
3 dozen	1 dozen.....	Each, \$1.10
5 dozen	1½ dozen.....	Each, 1.25
8 dozen	2 dozen.....	Each, 1.40
10 dozen	1½ dozen.....	Each, 1.65
12 dozen	2 dozen.....	Each, 1.80

Extra Fillings

Capacity, dozens,	3	5	8	10	12
Per Set,	\$0.06	\$0.11	\$0.15	\$0.21	\$0.23
Weight, per set,	1 lb.	2 lbs.	2 lbs.	3 lbs.	3 lbs.

OAT SPROUTERS



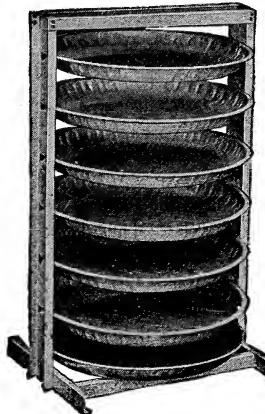
The **Double Quick** Oat Sprouter is made with an outside Cypress wall insulated with resin board and asbestos for retaining heat. The inside chamber is lined with galvanized sheet steel which retains moisture and eliminates mould.

Eggetter for 40 hens or less	Each, \$8.95
Double Quick No. 24 75-100 hens	Each, 18.00
Double Quick No. 40 125-175 hens	Each, 24.00
Double Quick No. 80 250-325 hens	Each, 36.00
Double Quick No. 160 500-600 hens	Each, 49.00
Double Quick No. 256 800-1000 hens	Each, 72.00
Mamoth No. 12 1200-1500 hens	Each, 95.00
Mamoth No. 15 1500-2000 hens	Each, 115.00

The **Premium** Oat Sprouter is constructed of open-hearth galvanized sheet steel strengthened by a Cypress frame on the outside. It is built sectional so that the capacity may be increased at any time by adding additional sections.

Small Premium	50-70 hens	Each, \$10.00
Small Section	50-70 hens	Each, 5.00
Large Premium	150-200 hens	Each, 18.00
Large Section	100-125 hens	Each, 7.00

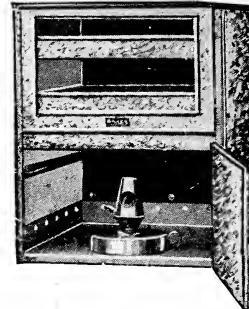
"SUN-LITE" OAT SPROUTER



Made in either three, six, or nine tray, but the six tray is the most popular size. Sections and trays can be purchased to increase the Sprouter from three tray to six or nine tray.

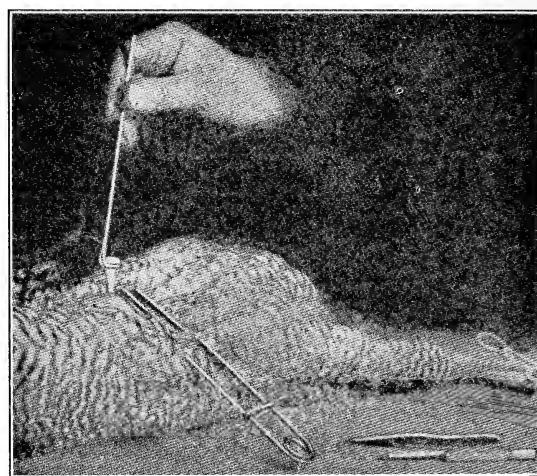
No. B38, 3 tray	Each, \$4.75
No. B39, 6 tray	Each, 6.50
No. B40, 9 tray	Each, 8.25
3-tray extra sections	Each, 1.75

LAMP-HEATED GRAIN SPROUTER



Equipped with an Oakes O.K. Lamp, this sprouter requires only a very small flame in any kind of weather. Made of No. 26 galvanized steel, walls lined with rubberoid roofing. Grain trays 18 inches square; bottoms perforated for moisture and ventilation; rat and mouseproof; glass doors admit light to stimulate sprouting. Base of sprouter contains two grain trays and a moisture pan, and each of the sections contains two grain trays. Capacity of base and of each section is one-fourth bushel (for 30 hens).

No. B41 — Section only	Each, \$7.50
No. B42 — Base only	Each, 10.00
No. B43 — Complete outfit	Each, 17.50



CAPONIZING TOOLS

Caponizing is one of the simplest phases of the poultry industry and can be done by anyone using the Simplicity-Perfection System. Each step is pointed out in clear, concise language, fully illustrated and diagrammed with drawings from life showing the inside of the chicken and the parts to be removed just as you see them when you are caponizing.

"Thread-Thru" Set	Each, \$3.50
"Grip-Slot" Set	Each, 5.75

WATER GLASS

An Egg preservative

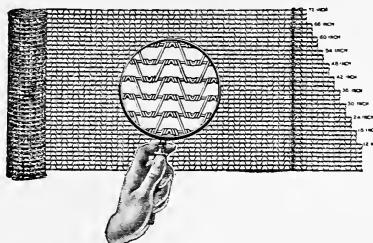
Water Glass is recommended by the U. S. Department of Agriculture as being one of the best preservatives, having no chemical action whatever. It simply seals the pores of the shells, keeping the contents of the egg in the same condition as when put into the solution. If directions are followed fresh eggs will keep perfectly for a year or longer. Use only **fresh eggs**.

1 pint, \$0.20 each; 1 quart, \$0.30 each, 1 gallon, \$1.00 each.

U. S. POULTRY FENCE

"The Netting that Stands Alone"

Something Entirely Different in the Way
of a Poultry Fence



Price Practically No More Than Common Poultry Fence
Service Worth Many Times More.

The combination of line and mesh wires, closely woven, prevents any lengthening or narrowing between posts. In erecting U. S. Poultry Fence the line wires permit of being stretched to a high tension, which compels the fence to remain rigid and upright without anchoring it to a baseboard or top rail. These features place it a long stride beyond the Hex mesh netting, which never fails to narrow and lengthen if you attempt to stretch it to a tension required to prevent sagging. There is no netting on the market that compares with U. S. Poultry Fence for strength, beauty, and durability, and we invite comparison with other makes, knowing that all our claims of superiority will be substantiated.

Galvanized after Weaving 150 linear feet in a Bale

TWO-INCH MESH — No. 19 WIRE

Width, inches	12	18	24	30	36	48	60	72
Weight, lbs. per roll	12½	17½	23	28	33½	43	53	63
Price, per roll	\$2.48	\$3.56	\$4.54	\$5.42	\$6.19	\$8.25	\$10.32	\$12.38

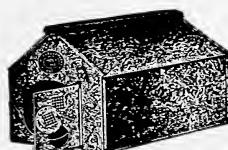
ONE-INCH MESH — NO. 19 WIRE

Width, inches	12	18	24	30	36	48
Weights, lbs. per roll	20	29½	37½	45	53	71
Price, per roll	\$4.95	\$7.12	\$9.08	\$10.83	\$12.38	\$16.50

TWO-INCH MESH — No. 20 WIRE

Width, inches	12	18	24	30	36	48	60	72
Weight, lbs. per roll	11	15	19	22	26	34	41	49
Price, per roll	\$2.14	\$3.08	\$3.92	\$4.68	\$5.35	\$7.13	\$8.19	\$10.69

SQUARE BROOD COOP



Made of galvanized iron. The bottom is removable so that the coop may be easily cleaned.

Size 16 X 23 X 16 inches..... Each, \$3.00

ZENOLEUM

A Standardized Coal-Tar Disinfectant Animal-Dip and Lice-Killer



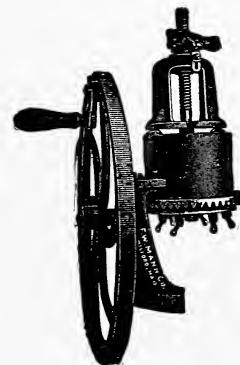
For Lice, Mites, Roup, Colds. To disinfect and guard against White Diarrhoea and Other Diseases and Insect Pests.

Each
One Quart makes 25 gal. of fluid... \$ 0.85
Half Gallon makes 50 gal. of fluid... 1.45
One Gallon makes 100 gal. of fluid. 2.25
Five Gallons make 500 gal. of fluid 10.25

Barrels and Half Barrels. Price on application.

Circular describing the diseases of Poultry, their treatment with Zenoleum, and testimonials from users mailed on application.

MANN'S GREEN BONE CUTTERS



	Each
No. 5 C.....	\$12.00
No. 5 B.....	15.00
No. 5 BM.....	18.00
No. 7.....	19.75
No. 7½.....	28.00
No. 9.....	30.00
No. 11.....	45.00
No. 12.....	65.00
No. 15.....	125.00
No. 18.....	175.00

Poultry raisers want eggs when eggs are worth the most. Green Bone and raw meat produce them. The Mann Cutters are the only ones that have stood the test of time.



NORWICH AUTOMATIC FEEDER AND EXERCISER

Thousands in use in every part of the civilized world. Operates with any grain or mixture; never out of order and will last a lifetime. Saves Grain, saves Labor, saves Time. Increases Egg Production. Waste, Rain, Rat, and Bird proof. Improves the flock. Guaranteed satisfactory in every respect.

No. 1. 8-qt. Hopper... Each, \$5.00
No. 2. 14-qt. Hopper... Each, 5.50
No. 3. 20-qt. Hopper... Each, 6.50

AJAX TINNER'S SNIPS

For cutting poultry netting; also very useful about the house or farm.

Ajax Tinner's Snips, length of cut 2½ in. Weight 1 lb.
Price, each, \$0.65

POULTRY FEEDS AND REMEDIES, PIGEON FEEDS DAIRY SUPPLIES

BARNES' WORM EMULSION

The worm is a parasite that is nurtured and fed by the elements that should go to the making of bone, tissue and the formation of eggs. Our Barnes' Worm Emulsion establishes a healthy condition in the bird, and causes this theft of nourishment to be returned to its proper channels for distribution; for when the bird becomes healthy, the juices will digest and assimilate these meaty worms. The worms exhaust the digestive fluids. Our Emulsion assists nature to restore them, and this simple and sensible process will result in health, vigour and fine fettle in the bird. Barnes' Worm Emulsion will not throw the hens off in their production, as it is not necessary to starve or diet them; nor does it disarrange their digestion, but promotes an increase of appetite.

Dosage: 1 teaspoonful to 1 quart of water; 1 ounce to 1 gallon of water.

1 pint bottles	Each, \$0.60	5 gallon cans	Each, \$12.50
1 quart bottles	Each, 1.00	30 gallon cans	Per gal., 1.95
1 gallon cans	Each, 3.00	50 gallon cans	Per gal., 1.85

EMULSIONIZED PHOSPHATED BRAN

For the same purpose as the Barnes' Emulsion

Prepared for those Poultry men who prefer it in the dry form. Use 20 pounds to the ton of Dry Mash. Price: 50 cents per pound.

BRECK'S HYGIENIC BRAND CHICK FOOD

A scientifically proportioned mixture which will meet every demand of the growing chick, and supply, without excess of fat, the food necessary to produce and sustain vigorous health. It contains the bone-forming properties that prevent leg weakness. It is high in protein, the flesh and muscle-forming elements. There is sufficient mineral material to supply the needs of the bone structure of the rapidly growing chicks, while it is low in carbohydrates, the fat-forming element, which, when in excess, causes sickness and loss.

FEED DRY. 50 lb. bags, \$1.85; 100 lb. bags, \$3.50.

BRECK'S MASH EGG FOOD

With Buttermilk

Is a properly balanced meat and cereal preparation, and is one of the best egg-producing foods we know of for poultry that do not have large runs; it is just what is wanted to keep them in good vigorous condition. Can be fed wet or dry. Price 50 lb. bags, \$1.85; 100 lb. bags, \$3.50.

BRECK'S COMPLETE POULTRY FEED

We have frequently been asked by many of our patrons to put up in a convenient form a complete Scratch Feed. In response to the above requests, after a great many experiments, we offer in Breck's Complete Poultry Feed what we believe is the best food for poultry that is on the market today.

Great care has been exercised in the selection and balancing of the materials of which it is composed. **FEED DRY.** 50 lb. bags, \$1.75; 100 lb. bags, \$3.25.

BRECK'S ALFALFA MEAL

Our brand of best pea-green California Alfalfa, grown on irrigated land, rich in protein; one of the best green feeds during the Winter for poultry.

Directions for Feeding: Pour on boiling hot water, cover, let steam an hour, then mix with the usual morning mash at the rate of one-third alfalfa to two-thirds the regular ground grains. Shipped in 100 lb. bags only. **Per 100 lbs.**, \$3.00.

BRECK'S BANNER BRAND CUT CLOVER

Made from the best New York grown Red Clover, ground medium fine, all from Red Clover hay.

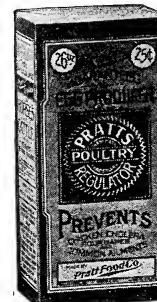
Directions for Feeding: Pour on boiling water, cover, let steam an hour, then mix with the usual morning mash at the rate of one-third clover to two-thirds the regular ground grains. Per 50 lb. bag, \$1.65.

BRECK'S POULTRY AND SWINE MEAL. A concentrated powder, a palatable animal meal for poultry and swine. Full directions for feeding with each package. Price per 100 lbs., \$5.00; 50 lb. bags, \$2.75; 25 lb. bags, \$1.50.

BLATCHFORD'S CALF MEAL. A valuable feed for pigs, colts, lambs and poultry. Blatchford's Calf Meal is not a stock food; it contains no drugs, medicine or stimulants; it is purely and simply a baby food for young animals. A 100 lb. bag makes 100 gallons of rich, nutritious gruel, thoroughly cooked and prepared for digestion. Price per 100 lbs., \$6.00; 50 lbs., \$3.25; 25 lbs., \$1.85; f. o. b. Boston.

PRATT'S POULTRY REGULATOR

(Formerly called Pratt's Poultry Food)



Pratt's Poultry Regulator overcomes the difficulties met by every poultryman by regulating the blood, bowels and digestive organs of all fowl. Thus it keeps the birds in robust health, produces good, rich blood, healthy fat, sturdy muscles, strong bones, red combs and wattles, brilliant feathers and fertile eggs. It stands unrivalled as an egg producer, and when regularly used, the hens lay throughout the year.

Per 26-oz. package	\$0.25	Per 12-lb. pails	\$1.65
Per 4-lb. package . . . . .	.50	Per 25-lb. pails	3.00

PRATT'S BABY CHICK FOOD

This is one of the greatest money savers and greatest chick savers ever placed on the market. Every man, woman or child who raises little chicks, turkeys, ducks and geese, should try at least one package of Pratt's Baby Chick Food. It is a scientific food ration to be fed for the first three weeks. If you want real success with your hatches, if you want to save all the baby chicks, if you want to grow them fast, get Pratt's Baby Chick food on our recommendation for your first trial; after that you will never be without it.



Per 2½-lb. package	\$0.25
Per 5¾-lb. package . . . . .	.50
Per 14-lb. bag	1.35
Per 25-lb. pail	2.00
Per 50-lb. bag	3.75
Per 100-lb. bag	7.00

PRATT'S BUTTERMILK GROWING MASH

Ingredients: Dried buttermilk, oatmeal, cornmeal, ground clipped oats, wheat middlings, wheat bran, meat scrap, bone meal and fish meal. It will keep them strong and healthy. To be fed young chickens after they are six weeks old; fed in conjunction with Pratt's Intermediate Scratch Feed. Price, in 100-lb. bags, \$3.50.

PRATT'S INTERMEDIATE SCRATCH FEED

Ingredients: Cracked corn, wheat, hulled oats, clipped oats, milo, kaffir corn and buckwheat. To be fed in conjunction with Pratt's Growing Mash and when chickens are about six weeks old. Analysis—Protein, 10 per cent; fat, 2.5 per cent; fibre, 5 per cent. Price, in 100-lb. bags, \$3.50.

PRATT'S BUTTERMILK LAYING MASH

Ingredients: Dried buttermilk, wheat bran, wheat middlings, ground clipped oats, corn meal, corn feed meal, linseed oil meal, alfalfa, meat scraps, fish meal. For full grown fowls. The Mash that makes eggs. Price, in 100-lb. bags, \$3.50.

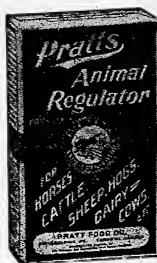
PRATT'S ROUP CURE

Is a scientific preparation compounded into a fine powder, and when mixed with water, is absorbed by the blood at once, purifying the system, allaying inflammation, and reducing the fever. It not only cures but prevents roup, colds, canker, catarrh and diphtheria, and should be given to all fowls frequently to keep diseases away.

Small packages... Each, \$0.25 Large packages... Each, \$0.50

PRATT'S WHITE DIARRHŒA REMEDY

This remedy will positively save many dollars' worth of little chicks to poultry raisers. It has taken us years to find a remedy for White Diarrhea and we are so sure that we have it in this article that we authorize our dealers to refund the purchase price in case it fails.



Small packages..... Each, \$0.25
Extra large packages..... Each, .50
Postpaid.

PRATT'S ANIMAL REGULATOR

The original stock regulator of America. Keeps horses well, improves their wind and makes their coats glossy. Cows give more and richer milk, butter fat being increased, and calves are strong and healthy. Steers fatten in half the time; hogs and sheep fatten quickly, free from disease. In 25¢ and 50¢ packages.

PRATT'S POULTRY DISINFECTANT

Will protect your birds from nearly all the serious germ diseases. It gets rid of lice and mites, prevents roup, cholera, gapes, scaly leg and a host of other troubles.

Wonderfully effective in ridding cattle, horses, hogs, sheep, and dogs of parasites and disease bacteria.

Per 1 quart..... \$0.55
Per ½ gallon..... .95
Per 1 gallon..... 1.60

ROGERS' DISINFECTANT (Liquid)

For general disinfectant purposes. It kills disease germs. Use at rate of one and one-half ounces to one gallon of water. As an antiseptic for treatment of cuts, burns, etc., use one-half teaspoonful in a tumbler of water.

Per 1 quart can..... \$0.75
Per 1 gallon..... 2.50

CARBOLA

Disinfecting Germ-Killing White Paint

The Disinfectant that paints. Use it instead of white-wash. Put on with a brush or sprayer. A snow-white cold-water paint that will not blister, flake or peel off, combined with a germicide 20 times stronger than carbolic acid but neither caustic nor poisonous. Particularly good for use in stables, cow barns, chicken coops, dairies, hog pens, creameries, cellars, factories and outbuildings.

Trial package 30 cts. Delivered by parcel post for 35¢.
(Paints and disinfectants 250 sq. ft.).

Per 5 lb. box..... \$0.75
Per 10 lb. (10 gals.)..... 1.25
Per 50 lbs. (50 gals.)..... 5.00
Per 200 lb. sack..... 9 cts. per lb.

RUST HAVEN'S ROUP PILLS.

An old safe, reliable remedy for Poultry Roup. Small size boxes, 25¢. Large size boxes, \$1.00.

GROUND BEEF SCRAPS

Always freshly ground from the best kettle rendered cake scrap. Per 50-lb. bag..... \$2.50
Per 100-lb. bag..... 4.50
Per ton..... 85.00

FISH SCRAPS

Dry, fine ground, 100-lb. bags. Per 100-lb. bag..... \$5.00

GROUND OYSTER SHELLS

Per 100-lb. bag..... \$1.50
50-lb. lots, per 100 lbs..... 1.25

KAPAILO WHITE CRYSTAL POULTRY GRIT

Screened from pure White Crystaline Rock.

Laboratory Analysis shows material consists of approximately 65% Carbon Dioxide and Calcium Oxide or "Lime and Crystal," 30% Magnesium Oxide and 5% Silica.

Per 50-lb. bag..... \$0.75
Per 100 lb. bag..... 1.00

BONE MEAL FOR POULTRY AND CATTLE

Per 50-lb. bag..... \$2.25
Per 100-lb. bag..... 4.00

CRACKED POULTRY BONE

Coarse cracked bone for full grown fowl.
Per 100 lbs..... \$4.00

POULTRY CHARCOAL.

Is especially prepared for poultry. It is carefully and uniformly graded in just the right sizes, is free from ammonia or other dangerous poisons, contains no useless dust or dirt, and is the best charcoal sold for poultry. It is manufactured in four grades: Fine powdered, for mash foods and ducks; No. 4, Fine Granulated, for brooder chicks and dry chick food mixtures; No. 3, Medium Granulated, for half-grown fowls and pigeons; No. 2, Coarse Granulated, for full-grown fowls, geese, and turkeys. All grades same price.

Per 50-lb. sack..... \$1.65
Three sizes in 2-pound cartons..... 25¢ per carton

"OLD TRUSTY" SUPREME DOG FOODS

In Bulk or Carton



"Old Trusty" foods are absolutely clean, thoroughly baked and easily digested, all of which means health, vigour, and avoidance of skin and internal disorders.

A 5-lb. Bag of "Old Trusty" All Terrier Food will convince you of the high food value of "Old Trusty's" Products.

Price 75 cents

	100 lbs.	50 lbs.	25 lbs.	10 lbs.	5 lbs.
All Terrier.....	\$9.25	\$4.65	\$2.50	\$1.25	\$0.75
Top Notch.....	9.25	4.65	2.50	1.25	.75
Puppy Meal.....	9.25	4.65	2.50	1.25	.75
Puppy Cakes.....	9.25	4.65	2.50	1.25	.75
Dog Cakes.....	8.25	4.20	2.20	1.25	.75
Tit Bits.....	10.25	5.25	2.75	1.50	.90

POULTRY and PIGEON GRAIN

Barley, good feeding quality, per 100 lbs.....	\$3.00
Buckwheat, good feeding quality, per 100 lbs.....	4.00
Sunflower, large Russian striped, recleaned..... per lb. 10¢ per 100 lbs.....	9.00
Millet, good feeding quality, per lb. 6¢; per 100 lbs.....	5.50
White Kaffir Corn, recleaned, per 100 lbs.....	4.00
Hard Wheat, recleaned, per 100 lbs.....	5.00
Mixed Grain and Small Millet, suitable for feeding Wild Birds, per 100 lbs.....	8.00
Vetch, recleaned, for Pigeons, per 100 lbs.....	8.00
White Field Peas, per 100 lbs.....	8.00
Mixed Grain with Hemp and Peas, for Pigeons, per 100 lbs.....	6.00
Hemp Seed, recleaned, per 100 lbs.....	8.00

CONKEY'S ROUP CURE

The well-known reliable roup remedy, powder form.

Small package.....	\$0.30
Medium package.....	.60
Large package.....	1.20

LAMBERT'S DEATH TO LICE

Is recommended to kill lice on fowls, domestic animals, etc., and should be used frequently at all seasons of the year. It is harmless to human and animal life. Especially adapted for use on sitting hens, it will not injure the eggs, hens or chicks. If used liberally during the hatching season, it will save the lives of many little chicks that would otherwise succumb to vermin.

Per 5-oz. box.....	\$0.15
Per 15-oz. box.....	.25
Per 3-lb. package.....	.50
Per 100-oz. package.....	1.00

CHINA NEST EGGS

Per dozen.....	\$0.40
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SYLPHO-NATHOL

It cleans and heals all sorts of cuts, bruises and sores. It is sure death to all kinds of bacteria and insects, and is unsurpassed as a disinfectant. For domestic animals, poultry and poultry houses it is the thing. 35¢ bottle makes 5 gals.; 65¢ bottle makes 10 gals.; \$1.25 bottle, 50 gals. solution; 1 gal. can, \$3.00.

SPIRAL CELLULOID LEG BANDS

Best and cheapest to use. Last a lifetime. Put on and take off easily. Slip on just like a key ring. Will not come off. Birds cannot lose or remove them. Colors: Black, Blue, Green, Pink, Red, White, Yellow.

Per dozen.....	\$0.15
Per 100.....	.75

Special price on large quantity.



Double Clinch, Aluminum



Leader Adjustable

DOUBLE CLINCH ALUMINUM LEG BANDS

No. 1 for Bantams, No. 2 for Mediterraneans, No. 3 for American females, No. 4 for American males, Asiatic females, small turkeys; No. 5 for Asiatic males and turkeys. We number them to order.

Per dozen.....	\$0.15
Per 100.....	.75

Postpaid. Numbering, extra 10 cts. per 100.

LEADER ADJUSTABLE LEG BANDS

Latest and best adjustable leg band out. Has neat, compact and smooth fastening with no catching points; easily attached and are absolutely secure. Made in two sizes. No. 1 for Bantams or Mediterraneans, No. 2 for Americans.

Per dozen.....	\$0.15
Per 100.....	.75

Postpaid. Numbering, extra 10 cts. per 100.

MILKOLINE

Pure Modified Buttermilk. Milkoline guarantees you a sure and even uniform acidity. The cost of feeding Milkoline is but 2¢ a gallon. Mix one part of Milkoline with 50 parts water. Use this Milkoline mixture for moistening feed or for drinking purposes. Recommend it for poultry, and hogs, safe and economical. Send for book "How to Hustle Heavy Hogs to Market." We are sole selling agents for Eastern Massachusetts.

1 gallon Jugs.....	Each, \$2.00
2 gallon Jugs.....	Each, 3.50
5 gallon Jugs.....	Each, 7.50
10 gallon Jugs.....	Each, 12.50

All net, f. o. b. Boston.

CHOLERINE

(For Poultry)

Manufacturer guarantees this remedy to cure Cholera—Roup—and also as an Egg Stimulator. Tablet form, also in liquid, if preferred.

Per package.....	\$0.60
Per bottle.....	\$0.65

MILKOL

An antiseptic, a disinfectant, cleanser, a curative agent. Keeps your live-stock clean and healthy, cleanses and purifies their quarters. Absolutely safe to use, non-poisonous and non-corrosive. One gallon makes from 60 to 256 gallons. Directions on every can.

Per $\frac{1}{2}$ gallon.....	\$1.00
5 gallon can, per gallon.....	\$2.00

"GOLD LEAF" TOBACCO DUST

Guaranteed to contain not less than 1 per cent Nicotine. Recommended as a Poultry Vermifuge. The Massachusetts Agricultural Station recommends using 2 lbs. of Tobacco Dust thoroughly mixed in each 100 lbs. Mash. We recommend following the directions given in the Massachusetts Agricultural Bulletin, entitled, "Intestinal Worms of Poultry," by William C. Monahan. Prices: 1 lb. package, 10¢; 5 lb. package, 45¢; 25 lb. package, \$2.00; 100 lb. package, \$6.00.

CARBOLINEUM, "ARROW BRAND"

Used to kill chicken mites in poultry houses. A single application to the interior of the poultry house will exterminate and keep away these pests. Also used as a wood preserving paint. Recommended by the Massachusetts Agricultural Station and the United States Department of Agriculture. Prices: 1 gal. cans, \$1.75; 5 gal. cans, \$7.00; 10 gal. cans, \$12.50.

KOW-KARE

It is a medicine for cows only. It prevents abortion, cures barrenness, removes retained afterbirth, prevents tuberculosis, stops scours, cures milk fever, caked udder, swelling in the bag, bloating, red water, increases the flow of milk, cures cows "off their feed," improves the quality of the milk.

Small size.....	\$0.65
Large size.....	1.25

BAG BALM

For bunches, caked bags, cuts, chapping and inflammation. Per package. (Parcel Post, extra.)..... \$0.60

COW'S RELIEF

Is guaranteed to cure Caked Bag caused by garget, injury, overfeeding or calving; sore or injured Teats, Spider in the Teat, Stricture, Hard Milkers, Cow Pox; is especially valuable for heifers with the first calf, to remove the soreness and swelling that is too frequently a cause of kickers and hard milkers. Your money back if it does not satisfy you.

Small package.....	\$0.50
Large package.....	1.00

GARGET REMEDY

This remedy has stood test of twenty years and is a complete success. It will not injure the butter or lessen flow of milk. Per can..... \$0.65

GRAYLAWN FARM FLEA CHASE

Used to exterminate vermin on dogs, cats, and household pets. Safe, economical, money back if it fails.

Per package.....	\$0.60
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GRAYLAWN FARM SCAB CHASE

To cure parasitic skin diseases on all farm animals.

Per package.....	\$1.50
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GRAYLAWN FARM LOUSE CHASE

For vermin on cattle, sheep and poultry.

Small box.....	Each, \$0.50
Large box.....	1.00

INDEX

In order to distinguish Seeds from the same variety of Bulbs, Roots, or Plants the latter have their page references in bold-face figures, e.g. 123.

A

Abies, 130
Abrazo, 176
Abronia, 76
Abyssinian Banana, 88
Abutilon, 86, 105
Acacia, 86, 138
Acanthus, 76
Acer, 135
Achillea, 76, 107
Achimenes, 86, 90
Achyranthus, 105
Acidanthera, 90
Acme Pulverizing Harrows, 200
Aconitum, 76, 107
Acroclinium, 48
Actinidia, 129
Adam's Needle, 85, 116
Adenophora, 76
Adiumia, 48
Adonis, 48, 76
Aerator, Milk and Cream, 215
Æsopus, 135
Æthionema, 77
African Daisy, 49
Agapanthus, 90
Agathaea, 84
Ageratum, 48, 105
Agrostemma, 48, 77, 107
Agrostis, 36, 37
Ailanthus, 135
Akiba, 129
Alder, Black, 125
Alder, White, 124
Alfalfa, 40, 41
Alkanet, 77, 107
Allamanda Hendersoni, 102
Almond, Dwarf White, 126
Alonsoa, 48
Alopeurus Pratinus, 37
Alstroemeria, 77
Alternate Husbandry, 34
Althea, 60, 82, 107, 125
Alum Root, 112
Alyssum, 48, 77, 105, 107
Amaranth, Globe, 59
Amaranthus, 49
Amaryllis, 90
Ambrosia, 49
Amelanchier, 123
American Fence, 195
Ammobium, 49
Amorpha, 123
Ampelopsis, 77, 129
Anchusa, 49, 77, 107
Andromeda, 133
Anemone, 77, 107
Anethum Graveolens, 29
Angelica Tree, 123, 135
Animal Traps, 233
Amise, 29
Annual Flower Seeds, 48-75
Anthemis, 77, 108
Anthicum, 77
Antirrhinum, 43, 44, 49, 86, 105
Anvils, 174
Apples, 140, 141
Apple Parers, and Corers, 249
Aquilegia, 44, 77, 78, 108
Arabis, 78, 108
Aralia, 86, 123, 135
Arborvitæ, 132, 134
Arches, 153, 155
Arctotis, 49
Argemone, 49
Aristolochia, 78, 129
Armeria, 77, 108
Arnebia, 49
Aronia, 123
Arrow-wood, 128
Artemisia, 108
Artemisia Absinthium, 29
Artemisia Saccorum, 49
Artichoke 5
Asclepias, 78, 108
Ash Baskets, 237
Ashberry, 133
Ash Caps, 261
Ash Sifters, 261
Ash, Mountain, 139
Ash, Tree 137
Asparagus, 5, 29
Asparagus Bunchers, 201
Asparagus (Decorative), 86, 102
Asparagus Knives, 165
Asperula, 49, 78

Asphodeline, 108
Aridipesta Lurida, 102
Aster, 44, 50-52, 78, 105, 108
Aster, Cornflower, 85, 116
Astilbe, 108
Aubretia, 78
Avena, 37
Awnless Grass, 36
Axes, 230, 231
Axle Grease, 222
Azalea, 44, 102, 123, 133

B

Babcock Milk Tester, 213
Baby Chicks, 265
Baby's Breath, 60, 81, 112
Bag Holders, 228
Bail Boxes, 259
Bale Ties, 175
Balls, Rubber, 264
Balm, 29
Balloon Flower, 84
Balloon Vine, 52
Balsam, 152, 88
Banana, Abyssinian, 88
Bank and Terrace Lawn Grass Seed, 33
Banker, Celery, 202
Baptisia, 78, 108
Barbarea Vulgaris, 15
Barbary Box Thorn, 129
Barberry, 124, 133, 134
Barb Wire, 194
Barley, 40
Barn Fittings, 224
Barometers, 216
Barrel Carts, 188
Barrel Covers, 236
Barrel Headers, 227
Barrels, 252
Barrows, 188
Bartonia, 52
Basil, Sweet, 29
"Basket Making," 159
Baskets, 237-239
Baskets, for Milk Bottles, 216
Baskets, Hanging, 157
Bayberry, 126
Bean, Indian, 136
Beans, Flowering, 52
Beans, Garden, 2, 5-8
Beans, Soja, 42
Beard Tongue, 115
Bear's Breech, 76
Bee Balm, 83, 114
Beech, 136
Beetles, 173
Beets, 8, 9, 38
Begonia, 44, 52, 53, 86, 90, 102, 105
Bellflower, 109
Bellis, 78, 105, 108
Bells, Cow and Farm, 223
Bent, Creeping, 36
Bent, Rhode Island, 37
Berberis, 124, 133, 134
Berry Baskets, 239
Betula, 135, 136
Bignonia, 129
Bills, Nottingham, 230
Binders, Load, 221
Binder Twine, 208
Birch, 135, 136
Bird Houses, 196
Bird Seeds, 29
Bittersweet, 129
Blackberries, 143
Black Chokeberry, 123
Black Salsify, 25
Black Spot, Control of, 120
Black Walnut, 37
Blacking, Shoe, 244
Bladder Senna, 124
Blanket Flower, 59, 81, 111
Blazing Star, 113
Bleeding Heart, 111
Blueberry, High Bush, 128
Blue Grass, 36
Blue Marguerite, 86
Blue Mallow, 29
Blue Pea, 87
Bluet, Mountain, 79
Boats, Stone, 173
Bocconia, 78, 108
Boilers, Farmers', 228
Boilers, Wash, 245
Bolen's Power Hoe, 202
Boltonia, 78, 108

Bone Cutters, 226, 275
Bone, Fertilizer, 145
Books on Horticulture, 42
Boots, Horse, 181
Borage, Borago Officinalis, 29
Border Fence, 195
Borecole, 9
Bostwick Park Lawn Grass Seed, 32, 33
Bottle Baskets, 216
Bottle Caps, Milk, 216
Bottles, Milk, 216
Bottle Sprinklers, 256
Bougainvillea, 102
Bouquet Holders, 157
Bouvardia, 102
Bowls, Chopping, 254
Bowls, Cow, 217
Boxes, Bail, 259
Boxes, Florist's, 159
Box Hooks, 221
Balls, Rubber, 264
Balm, 29
Balloon Flower, 84
Balloon Vine, 52
Balsam, 152, 88
Banana, Abyssinian, 88
Bank and Terrace Lawn Grass Seed, 33
Banker, Celery, 202
Baptisia, 78, 108
Barbarea Vulgaris, 15
Barbary Box Thorn, 129
Barberry, 124, 133, 134
Barb Wire, 194
Barley, 40
Barn Fittings, 224
Barometers, 216
Barrel Carts, 188
Barrel Covers, 236
Barrel Headers, 227
Barrels, 252
Barrows, 188
Bartonia, 52
Basil, Sweet, 29
"Basket Making," 159
Baskets, 237-239
Baskets, for Milk Bottles, 216
Baskets, Hanging, 157
Bayberry, 126
Bean, Indian, 136
Beans, Flowering, 52
Beans, Garden, 2, 5-8
Beans, Soja, 42
Beard Tongue, 115
Bear's Breech, 76
Bee Balm, 83, 114
Beech, 136
Beetles, 173
Beets, 8, 9, 38
Begonia, 44, 52, 53, 86, 90, 102, 105
Bellflower, 109
Bellis, 78, 105, 108
Bells, Cow and Farm, 223
Bent, Creeping, 36
Bent, Rhode Island, 37
Berberis, 124, 133, 134
Berry Baskets, 239
Betula, 135, 136
Bignonia, 129
Bills, Nottingham, 230
Binders, Load, 221
Binder Twine, 208
Birch, 135, 136
Bird Houses, 196
Bird Seeds, 29
Bittersweet, 129
Blackberries, 143
Black Chokeberry, 123
Black Salsify, 25
Black Spot, Control of, 120
Black Walnut, 37
Blacking, Shoe, 244
Bladder Senna, 124
Blanket Flower, 59, 81, 111
Blazing Star, 113
Bleeding Heart, 111
Blueberry, High Bush, 128
Blue Grass, 36
Blue Marguerite, 86
Blue Mallow, 29
Blue Pea, 87
Bluet, Mountain, 79
Boats, Stone, 173
Bocconia, 78, 108
Boilers, Farmers', 228
Boilers, Wash, 245
Bolen's Power Hoe, 202
Boltonia, 78, 108

Bone Cutters, 226, 275
Bone, Fertilizer, 145
Books on Horticulture, 42
Boots, Horse, 181
Borage, Borago Officinalis, 29
Border Fence, 195
Borecole, 9
Bostwick Park Lawn Grass Seed, 32, 33
Bottle Baskets, 216
Bottle Caps, Milk, 216
Bottles, Milk, 216
Bottle Sprinklers, 256
Bougainvillea, 102
Bouquet Holders, 157
Bouvardia, 102
Bowls, Chopping, 254
Bowls, Cow, 217
Boxes, Bail, 259
Boxes, Florist's, 159
Box Hooks, 221
Balls, Rubber, 264
Balm, 29
Balloon Flower, 84
Balloon Vine, 52
Balsam, 152, 88
Banana, Abyssinian, 88
Bank and Terrace Lawn Grass Seed, 33
Banker, Celery, 202
Baptisia, 78, 108
Barbarea Vulgaris, 15
Barbary Box Thorn, 129
Barberry, 124, 133, 134
Barb Wire, 194
Barley, 40
Barn Fittings, 224
Barometers, 216
Barrel Carts, 188
Barrel Covers, 236
Barrel Headers, 227
Barrels, 252
Barrows, 188
Bartonia, 52
Basil, Sweet, 29
"Basket Making," 159
Baskets, 237-239
Baskets, for Milk Bottles, 216
Baskets, Hanging, 157
Bayberry, 126
Bean, Indian, 136
Beans, Flowering, 52
Beans, Garden, 2, 5-8
Beans, Soja, 42
Beard Tongue, 115
Bear's Breech, 76
Bee Balm, 83, 114
Beech, 136
Beetles, 173
Beets, 8, 9, 38
Begonia, 44, 52, 53, 86, 90, 102, 105
Bellflower, 109
Bellis, 78, 105, 108
Bells, Cow and Farm, 223
Bent, Creeping, 36
Bent, Rhode Island, 37
Berberis, 124, 133, 134
Berry Baskets, 239
Betula, 135, 136
Bignonia, 129
Bills, Nottingham, 230
Binders, Load, 221
Binder Twine, 208
Birch, 135, 136
Bird Houses, 196
Bird Seeds, 29
Bittersweet, 129
Blackberries, 143
Black Chokeberry, 123
Black Salsify, 25
Black Spot, Control of, 120
Black Walnut, 37
Blacking, Shoe, 244
Bladder Senna, 124
Blanket Flower, 59, 81, 111
Blazing Star, 113
Bleeding Heart, 111
Blueberry, High Bush, 128
Blue Grass, 36
Blue Marguerite, 86
Blue Mallow, 29
Blue Pea, 87
Bluet, Mountain, 79
Boats, Stone, 173
Bocconia, 78, 108
Boilers, Farmers', 228
Boilers, Wash, 245
Bolen's Power Hoe, 202
Boltonia, 78, 108

Cans, Milk, 215
Cans, Cream, 215
Cant Dogs, 230
Canterbury Bell, 78, 79, 109
Cape Jessamine, 104
Caponizing Tools, 274
Caragana, 124
Caraway, 29
Carbola, 277
Cardinal Flower, 114
Cardoon, 11
Cards, Cattle, 219
Carnation, 34, 79, 103, 105
Carnation Pinks, 43
Carolina Allspice, 124
Carpet Sweepers, 242
Carpet Tacks, 176
Carpinus, 136
Carrot, 2, 11, 12, 38
Carthamus Tinctorius, 29
Carts, Hose, 183, 184
Carts, Push, 188
Carum Carvi, 29
Cassia, 109
Castanea, 136
Castor Oil Bean, 106
Castor Oil Plant, 67
Catalpa, 136
Catchfly, 69
Catnip, 29
Catstail, 36
Cattle Cards, 219
Cattle Leaders, 219, 220
Cattle Registers, 223
Cattle Ties, 219
Cauliflower, 12, 29
Celandine, Tree, 108
Celastrus, 129
Celery, 2, 12, 13, 29
Celeri Banker, 202
Celosia, 44, 54, 105
Celastris, 87
Cemetery Vases, 157, 158
Centaura, 54, 55, 79, 105
Centranthus, 55
Cephalanthus, 124
Cephalaria, 79
Ceratium, 79, 109
Cerasus, 136
Cercidiphyllum, 136
Cercis, 136
Chains, 220
Chair Seats, 262
Chamois Skins, 243
Chamomile, False, 78, 108
Chamomile, Lump, 145
Charcoal, Poultry, 277
Chard, Swiss, 9
Cheiranthus, 79, 85, 87
Chelone, 79, 109
Chemical Fertilizers, 144-147
Cherry, 136, 141
Chervil, 13
Chestnut, 136
Chestnut, Horse, 135
Butterfly Flower, 69
Butternut, 137
Button Bush, 124

C

Cabbage, 10, 11, 29
Cabbage, Turnip-Rooted, 16
Cacalia, 53
Caladium, 90, 102, 105
Calandrinia, 53
Calceolaria, 86, 102
Calendula, 53, 105
Calf Wearers, 223
California Poppy, 59
Calimeris, 108
Calla Lily, 90
Callipriscis, 56
Callirhoe, 78, 108
Calluna, 81, 104, 133
Calycanthus, 124
Campanula, 53, 78, 79, 109
Campanula Isophylla, 102
Campion, 114
Canary Creeper, 74
Canary Seed, 29
Candleberry, 126
Candytuft, 53, 54, 79, 112
Cane, Sugar, 38
Cannas, 54, 101
Canned Heat, 237
Canners, 255
Can Openers, 255

Cans, Milk, 215
Cans, Cream, 215
Cant Dogs, 230
Canterbury Bell, 78, 79, 109
Cape Jessamine, 104
Caponizing Tools, 274
Caragana, 124
Caraway, 29
Carbola, 277
Cardinal Flower, 114
Cardoon, 11
Cards, Cattle, 219
Carnation, 34, 79, 103, 105
Carnation Pinks, 43
Carolina Allspice, 124
Carpet Sweepers, 242
Carpet Tacks, 176
Carpinus, 136
Carrot, 2, 11, 12, 38
Carthamus Tinctorius, 29
Carts, Hose, 183, 184
Carts, Push, 188
Carum Carvi, 29
Cassia, 109
Castanea, 136
Castor Oil Bean, 106
Castor Oil Plant, 67
Catalpa, 136
Catchfly, 69
Catnip, 29
Catstail, 36
Cattle Cards, 219
Cattle Leaders, 219, 220
Cattle Registers, 223
Cattle Ties, 219
Cauliflower, 12, 29
Celandine, Tree, 108
Celastrus, 129
Celery, 2, 12, 13, 29
Celeri Banker, 202
Celosia, 44, 54, 105
Celastris, 87
Cemetery Vases, 157, 158
Centaura, 54, 55, 79, 105
Centranthus, 55
Cephalanthus, 124
Cephalaria, 79
Ceratium, 79, 109
Cerasus, 136
Cercidiphyllum, 136
Cercis, 136
Chains, 220
Chair Seats, 262
Chamois Skins, 243
Chamomile, False, 78, 108
Chamomile, Lump, 145
Charcoal, Poultry, 277
Chard, Swiss, 9
Cheiranthus, 79, 85, 87
Chelone, 79, 109
Chemical Fertilizers, 144-147
Cherry, 136, 141
Chervil, 13
Chestnut, 136
Chestnut, Horse, 135
Butterfly Flower, 69
Butternut, 137
Button Bush, 124

Chicory, 13
Chimneys, Lamp, 258
Chinese Lantern, 66
Chionanthus, 136
Chisels, Grafting, 165
Chisels, Sidewalk, 234
Chives, 10, 29
Chokeberry, 123
Chopping Bowls, 254
Christmas Rose, 82
Chrysanthemum, 48, 55, 79, 87, 103, 109, 110
Churns, 212, 213
Cider Mills, 227
Cigar Plant, 56, 105
Chineraria, 55, 87, 103
Cinnamon Vine, 90
Clam Hooks, 167
Clarkia, 44, 55
Clay's Fertilizer, 145
Clematis, 80, 111, 129
Cleome, 55
Clerodendron, 87
Clethra, 124
Cithanthus, 87
Climbers, 129
Clintonia, 55
Clippers, Dehorning, 217
Clipping Machines, 222
Clitoria, 87
Clothes Baskets, 237

Clothes Dryers, 247, 248
Clothes Hangers, 248
Clothes Horses, 247, 248
Clothes Lines, 246
Clothes Pins, 246
Clothes Wringers, 246
Clover, 41, 70
Coal Baskets, 239
Coal Hods, 258
Cobaea, 55, 105
Cocccina, 55
Coescumb, 54, 105
Coffee Mills, 250
Coke Forks, 166
Coleus, 87, 105
Cotewort, 13
Collards, 13
Collections, Flower Seed, 47
Collinsia, 55
Colomina, 55
Columbine, 77, 78, 108
Colutea, 124
Cone-flower, 81, 85, 111, 116
Contractors' Supplies, 172-174
Convallaria, 90, 111
Convolvulus, 55, 56
Coolers, Milk and Cream, 215
Coolers, Water, 251
Coops, Chicken, 272, 275
Coral Bells, 82
Corchorus, 125
Cord, Picture, 236
Coreopsis, 56, 80, 111
Corers, Apple, 249
Coriander, Coriandrum Sativum, 29
Corn, Broom, 38
Corn Field, 39
Corn Hooks, 208
Coral Planters, 201
Corn, Pop, 15, 29
Corn Poppers, 253
Corn Salad, 15
Corn Sheller, 226
Corn Sweet, 3, 13-15
Cornel, 124
Cornus, 124, 136
Corylus, 124
Cos Lettuce, 18
Cosmos, 56, 105
Cotton Batting, 159
Cow Bells, 223
Cow Bowls, 217
Cow Halters, 219
Cow Peas, 42
Cow Ties, 220
Crab Apple Flowering, 138
Crab Apples, Edible, 141
Cradles, 208
Cranberry, High Bush, 128
Crans's Bill, 111
Crataegus, 136
Crates, Chicken, 272
Cream Cans, 215
Creeping Bent, 36
Creeping Fescue, 38
Creeping Jenny, 106
Cress, Rock, 78, 108
Cress, Water, 15
Crested Dog's Tail, 37
Croquet Sets, 264
Crotions, 103
Crow Bars, 172
Cucumber, 15
Cucumber, Wild, 58
Cummin, 29
Cup Flower, 64
Cup-and-Saucer Vine, 55, 105
Cuphea, 56, 105
Currant, Indian, 127
Currants, 142
Curry Combs, 222
Curtain Rods, 262
Cutaway Harrows, 199
Cutters, Feed and Root, 225, 226
Cuttle Fish Bone, 29
Cyanus, 54, 55
Cyclamen, 87, 103
Cyclone Fence, 195
Cydonia, 124
Cynosurus Cristatus, 37
Cyperus, 103
Cypress, 132
Cypress, Bald, 139
Cypress Vine, 56

In order to distinguish Seeds from the same variety of Bulbs, Roots, or Plants the latter have their page references in bold-face figures, e.g. 128.

D

Dactylis Glomerata, 36
Dahlia, 45, 57, 92-96
Dairy Pails, 215
Dairy Record Sheets, 213
Dairy Supplies, 212-217
Dairy Thermometers, 216
Daisies, 105
Daisy, African, 49
Daisy, English, 78, 108
Daisy Giant, 79
Daisy, Michaelmas, 78, 108
Daisy, Ox-Eye, 78
Daisy, Shasta, 116
Daisy, South African, 58
Daisy, Swan River, 53
Daisy, Transvaal, 88
Dandelion, 15
Daphne, 133
Datura, 57
Day Lily, 112
Dazey Chums, 213
Deciduous Trees, 135-139
Dehorning Clippers, 217
Delphinium, 61, 80, 111
Deutzia, 124
Diamond Fence, 195
Dianthus, 58, 111
Dianthus Barbatus, 85
Dibbles, 161
Dicentra, 111
Dictamnus, 80, 111
Didiscus, 58
Dielatra, 111
Diervilla, 124
Digger, Potato, 202
Digitalis, 80, 111
Dill, 29
Dimorphotheca, 58
Dinner Pails, 259
Dipper, Catch Basin or Cesspool, 171
Dippers, Wood, 259
Dishes, Butter, 214
Dittany, 80, 111
Dodecatheon, 80
Dog Chains, 220
Dog Foods, 277
Dogs, Cant, 230
Dog's Tail, 37
Dogwood, 124, 136
Dolichos, 58, 129
Door Mats, 262
Dragon, 87, 103, 105
Dragonhead, False, 84, 115
Drag Rake, 208
Drain Cleaners, 171
Driers, Clothes, 247, 248
Drills, 172
Dusters, 242
Dusters, Power, 191
Dust Pans, 243
Dusty Miller, 105
Dutchman's Pipe, 78, 129

E

Echinacea, 81, 111
Echinocystis, 58
Echinops, 81
Echium, 45
Edelweiss, 81
Egg Beaters, 254
Egg Boxes, 273
Egg-Plant, 16, 29
Eggs, Nest, 278
Egg Testers, 267
Eleagnus, 124
Elder, 127
Elephant's Ear, 90, 105
Elm, 139
Endive, 16
English Blue Grass, 37
English Daisy, 78, 108
Ensilage Forks, 166
Eremurus, 81
Erica Melanthera, 103
Erigeron, 81
Eryngium, 81, 111
Erysimum, 58
Eschscholtzia, 59
Eucalyptus, 87
Eulalia, 111
Euonymus, 125, 133
Eupatorium, 81, 111
Euphorbia, 59
Evening Glory, 61
Evening Primrose, 64, 84, 114
Evening Scented Stock, 62
Evergreens, 130-133
Everlasting, 60, 67
Exochorda, 125
Fye Snaps, 220

F

Fagus, 136
False Chamomile, 78, 108
False Dragonhead, 84, 115
False Indigo, 108
Farm Bells, 223
Farmogerm, 21, 23
Farm Supplies, 219-232
Fasteners, Hame, 219
Faucets, 252
Feed Bags, 221
Feed Cutters, 225
Feeders, Calf, 217
Feeders, Chicken, 275
Felin's Tying Machine, 203
Fence, 193-195
Fennell, 29
Fennell, Sweet, 16
Fenset, 194
Ferns, 88, 103
Fertilizer Drills, 205
Fertilizer Sowers, 198
Fertilizers, 144-147
Fescues, 37, 38
Fescue Grass, 111
Festuca, 37, 38, 111
Fetticus, 15
Feverfew, 62, 105, 115
Ficus, 103
Field Corn, 39
Field Markers, 201
Field Seeds, 40
Filbert, 124
Files, 175
Filters, Water, 254
Fine Leaved Fescue, 37
Fir, 130
Fir, Summer, 49
Firoin, 36
Fish Forks, 166
Fish Knives, 165
Fittonia, 103
Flails, 108
Flame Nettle, 87, 105
Flax, 29, 61, 83, 114
Flax, New Zealand, 88
Flax, Toad, 61
Flintkote Roofing, 211
Flor Scraper, 169
Florence, 16
Florists' Supplies, 159-160
Floss Flower, 48, 105
Flour Sieves, 255
Flower Seeds, 43-89
Flower Seed Collections, 46
Fly Killers, 151, 263
Fly Paper, 263
Foeniculum Officinale, 29
Food Chopper, 250
Forget-me-not, 84, 105, 114
Forks, Hay, 166
Forks, Fish, 166
Forks, Manure, 166
Forks, Salt Marsh, 166
Forks, Spading, 166
Forks, Stone Picking, 167
Forks, Transplanting, 161
Formaldehyde, 150
Forsythia, 123
Fountains, Chicken, 269, 270
Four O'Clock, 63
Foxglove, 80, 111
Foxtail, Meadow, 37
Francoa, 88
Frau Helene Harms Begonia, 102
Fraxinus, 137
Freesia, 88
Freezers, Ice Cream, 251
Fruit Presses, 227, 249
Fruit Choppers, 249, 250
Fruit Gatherers, 163
Fruit Jars, 255
Fruit Trees, 140-142
Fuchsia, 88, 104, 105
Funkia, 81, 111
Funnels, 254, 259

G

Gaillardia, 45, 59, 81, 111
Gallega, 81
Game Traps, 233
Garbage Cans, 256
Garden Accessories, 155, 156
Garden Furniture, 153
Garden Line Reels, 163
Garden Tools, 161-170
Gardenia, 104
Garland Flower, 133
Garment Hangers, 248
Gas Plant, 80, 111

Gatherers, Fruit, 163
Gaura, 59
Gay Feather, 113
Genista, 88, 104
Gentiana, 81
Geranium, 88, 104, 105, 111
Gerbera, 88
German Iris, 112, 113
Geum, 81, 112
Giant Daisy, 79
Giant Tulip Poppy, 61
Gilia, 59
Gilliflower, 69, 70
Ginkgo, 137
Gladioli, 97-100
Glasses, Hyacinth, 159
Glasses, Jelly, 255
Glazing Cement, 160
Gleditschia, 137
Globe Amaranth, 59
Globe Flower, 85, 116, 125
Globe Thistle, 181
Globes, Lantern, 218
Gloriosa, 90
Glory Pea, 87
Gloves, 235
Gloxinia, 88, 90
Glue, 256
Goats' Beard, 116
Godetia, 60
Golden Bell, 125
Golden Chain, 137
Goldenrod, 85
Goldentulip, 77
Golf Course Seeds, 33, 35
Golf Mowers, 178-181
Golf Rollers, 182
Golf Sowers, 203
Golf Special Fertilizer, 146
Gomphrena, 59
Gooseberries, 142
Gourds, 60
Grafting Chisel, 165
Grafting Wax, 159
Grain, Agricultural, 40-42
Grain for Poultry and Pigeons, 277
Grain Scoops, 171
Grain Sprouters, 274
Grape, Ornamental, 129
Grapes, Edible, 142, 143
Grasses, Ornamental, 60, 81
Grass Catchers, 179, 181
Grass Hooks, 208
Grass Seeds, 32-38
Grass Seeder, 203
Grass Shears, 163
Graters, 250
Gravel, Bird, 29
Grease, Axe, 222
Greasers, Check, 271
Greenhouse Flower Seeds, 86-89
Greenhouse Plants, 102-104
Grevillea, 88, 104
Grinders, Fruit, 227
Grinders, Tool, 209
Grinding Mills, 225, 226
Grindstones, 209
Grist Mills, 226
Gumbo, 19
Gum Tree, 87
Gypsophila, 45, 60, 81, 112

H

Halter Chains, 220
Halters, 219
Hamamelis, 125
Hame Fasteners, 219
Hame Straps, 219
Hammers, 172, 175
Hammocks, 192
Handles, 177
Hangers, Garment, 248
Hard Fescue, 37
Hardy Perennial Plants, 107-116
Harness Oil, 222
Harness Soap, 222
Harrows, 196-198
Harvester Oil, 207
Hatchets, 230
Hawthorn, 136
Hay Caps, 208
Hay Forks, 166
Hay Hooks, 221
Hay Knives, 208
Hay Racks, 224
Hay Rakes, Horse, 207
Hay Tedder, 207
Haying Tools, 207-211
Headers, Barrel, 227
Heaters, 257

J

Jacks, 221
Jacob's Ladder, 84
Japanese Iris, 113

K

Kadsura Tree, 136
Kaffir Corn, 29, 38
Kale, 9
Kalmia, 133
Kegs, 252
Kenilworth Ivy, 61
Kentucky Blue Grass, 36
Kerria, 125, 126
Kettle Knobs, 254
Kitchen Knives, 253
Kitchen Supplies, 249-259
Knife Trays, 254
Knives, Kitchen, 253
Knives, Poultry Killing, 272
Knives Pruning, Budding, Pocket, Fish, Asparagus, 165
Knives, Putty, 253
Kochia, 61
Kohl-Rabi, 16
Kraut Cutters, 250
Kudzu Vine, 83, 129

L

Labels, for plants, 156
Labels, Stock, 223
Laburnum, 137
Lace Plant, 58
Ladders, 236
Ladles, Butter, 214
Lady Slipper, 52
Lamb's Ears, 85
Lamp Burners, 258
Lamp Chimneys, 258
Lamps, Street, 218
Lantana Hybrida, 61, 105
Lantern Plant, 115
Lanterns, 218
Larch, 137
Larix, 137
Larkspur, 45, 61, 80, 111
Latania, 104
Lathyrus Latifolius, 83
Laundry Baskets, 237
Laundry Supplies, 245-248
Laurel, 133
Lawn Grass Seed, 32, 33
Lawn Mowers, 178-181
Lawn Sprinklers, 184-187
Lavatera, 61
Lavender, 29, 83, 113
Lavender, Sea, 69, 85, 116
Lavendula, 83, 113
Lavendula Vera, 29
Layia, 61
Leaders, Bull, 220
Leaders, Cattle, 219, 220
Lead Plant, 123
Leadwort, 104
Leek, 16
Leg Bands for Poultry, 278
Lemon Squeezers, 256
Lemon Verbena, 105
Lepidium Sativum, 15
Leptosyne, 45, 61
Lettuce, 3, 17, 18, 29
Leucothoe, 133
Liatris, 83, 113
Ligustrum, 125, 134
Lilac, 127, 128, 134, 139
Lilac, Summer, 124
Lilium Myriophyllum, 45
Lily, 90, 91, 114
Lily, Day, 112
Lily, Plantain, 111
Lily of the Valley, 90, 111
Lily of the Valley Shrub, 133
Lily, Wood, 116
Lime, for Land, 144
Lime Tree, 139
Limnanthes, 61
Linaria, 61
Linden, 139
Lines, Garden, 163
Linum, 61, 83, 114
Liquid Veneer, 244
Liriodendron, 137
Load Binders, 221
Lobelia, 62, 83, 105, 114

In order to distinguish Seeds from the same variety of Bulbs, Roots, or Plants the latter have their page references in bold-face figures, e.g. 123.

Log Chains, 220
Lolium perenne, 37
Lolium Italicum, 37
Lonicera, 126, 129
Loose Strife, 83, 114
Lotus, 88
Louse Killers, 278
Love-in-a-Mist, 64
Lucerne, 40, 41
Lunaria, 83
Lunch Boxes, 259
Lupinus, 45, 62, 83, 114
Lychinus, 83, 114
Lycoris, Rock, 75
Lycium, 129
Lyssimachia, 114
Lythrum, 83, 114

M

Madagascar Periwinkle, 75
Madrina Vine, 90
Madwort, 107
Magnolia, 137
Maiden-hair Tree, 137
Mallow, 60, 61, 78, 82, 83, 112, 114
Malope, 62
Malva, 83, 114
Mangel-Wurzel, 9, 38
Mangers, 224
Manure Forks, 166
Manure Hooks, 167
Manures, 144-147
Mapes Manures, 146
Maple, 135
Marguerite, 105
Marguerite, Blue, 86
Margold, 62, 106
Margold, Pot, 53, 105
Marjoram, Sweet, 29
Markers, Field, 201
Market Baskets, 237
Marrubium vulgare, 29
Martynia, 18, 62
Marvel of Peru, 63
Mastic, 160
Mathiola, 62
Matricaria, 62, 105
Matrimony Vine, 129
Mattocks, 172
Mauls, 173
Maurandya, 88
Meadow Fescue, 37
Meadow Foxtail, 37
Meadow Grass, 36
Meadow Oat Grass, 37
Meadow Sage, 85
Meadowsweet, 127
Measures, Oak, 260
Medicago Sativa, 41
Meliolotus, 70
Melissa Officinalis, 29
Melon, Musk, 4, 18
Melon Nets, 160
Melon Water, 19
Menders, Hose, 183
Mendets, 243
Mentha, 114
Mentha Piperita, 29
Mesembryanthemum, 62
Metal Polish, 244
Mexican Firebush, 61
Michaelmas Daisy, 78, 108
Mignonette, 63, 106
Milk Cans, 215
Milking Stools, 215
Milkoline, 278
Milk Pails, 215
Milk Tester, 213
Milk Weed, 78, 108
Mill Baskets, 237
Millet, 29, 41
Mills, Cider, 227
Mills, Grinding, 225, 226
Mimosas, 63
Mimulus, 83, 88
Mint, 29, 114
Mirabilis, 63
Mist Flower, 111
Mixing Tanks, Milk, 213
Mocking Bird Food, 29
Mock Orange, 126
Mole Traps, 233
Molueella, 63
Monordica, 63
Monarda, 83, 114
Moneywort, 106
Monkey Flower, 83, 88
Monkshood, 76, 107
Montbretias, 90
Mops, 242, 243, 244
Morning Glory, 55, 56
Morus, 137
Moss, Sphagnum, 145

Moulds, 214
Mountain Ash, 139
Mountain Bluet, 79
Mountain Fringe, 48
Mourning Bride, 69, 105
Mouse Traps, 233
Mowing Machines, 207
Mudilage, 256
Mulberry, 137
Mulein Pink, 107
Musa Ensete, 88
Mushrooms, 18
Muskmelon, 18
Mustard, 18
Muzzles, Ox, 219
Myosotis, 46, 84, 105, 114
Myrica, 126
Myrtle, 106, 116
Mystic Mists, 243

N

Nasturtium, 63, 64, 106
Nasturtium Officinale, 15
Neck Yokes, 221
Nemisia, 64
Nemophila, 64
Nepeta Cataria, 29
Nephthytis Triphylla, 104
Nerine Sarniensis, 90
Nest Eggs, 278
New Zealand Chewings
Fescue, 37
New Zealand Flax, 88
Nicotiana, 46, 64, 106
Nierembergia, 64
Nigella, 64
Niger Seed, 29
Nine Bark, 127
Nottingham Bills, 230
Novelties, Flower, 43-46
Novelties, Vegetable, 2-4
Nozzles, Spray, 190
Nozzles, Sprinkling, 184

O

Oak, 138
Oat Grass, 37
Oats, 40
Oat Sprouters, 274
O-Cedar Mops and Polish, 244
Ocimum Basilicum, 29
Oenothera, 64, 84, 114
Oil Cans, 259
Oilers, 175
Oil, Harness, 222
Oil, Harvester, 207
Oil Heaters, 257
Oil, Lawn Mower, 178
Oil, Separator, 212
Oil, Three-in-one, 243
Okra, 19
Oleaster, 124
Oliver Chilled Plows, 195, 196
Onions, 20
Onion Sets, 19
Onion Set Planters, 201
Orchard Grass, 36
Orchid Peat, 145
Origanum Majorana, 29
Oxalis, 64
Ox Balls, 219
Ox Bows, 219
Ox Eye, 112
Ox-Eye-Daisy, 78
Ox Goads, 219
Ox Muzzles, 219
Ox Yokes, 219
Oyster Plant, 25
Oyster Shells, 277

P

Pachysandra, 114, 133
Padlocks, 176
Paeony, 84, 114, 115
Pails, 260
Pails, Dairy, 215
Pails, Sewer, 171
Palms, 104
Pandanus, 104
Panicum, 104
Pansies, 65, 106
Pansy Baskets, 239
Pansy, Tufted, 116
Papaver, 67, 84, 114
Paper Roofing, 211
Paper, Wrapping, 159
Parchment Paper, Butter, 214
Parers, Apple, 249
Parrot Food, 29

Parsley, 21
Parsnip, 21
Passiflora, 88
Passion Flower, 88
Pastry Bowls, 254
Pasture Grass Mixtures, 34, 35
Peach Baskets, 239
Peaches, 141
Peas, Cow, 42
Peas, Field, 38
Peas, Garden, 2, 4, 22, 23
Pea, Perennial, 83
Pea Tree, Siberian, 124
Pear Bush, 125
Pears, 141, 142
Peat, 145
Pelargoniums, 104
Pennyroyal, 29
Pentstemon, 65, 84, 115
Peperomia Agyrtrea, 104
Peppers, 21, 29
Pernival Balsam, 88
Perennial Flower Seeds, 76-85
Perennial Pea, 83
Perennial Plants, 107-116
Perennial Rye, 37
Perilla, 65
Periwinkle, 106
Periwinkle, Madagascar, 75
Petunia, 43, 46, 66, 106
Phacelia, 66
Phaseolus Multiflorus, 52
Philadelphus, 126
Phleum pratense, 36
Phlox, 66, 84, 106, 115, 116
Phormium, 88
Physalis, 66, 115
Physostegia, 84, 115
Picca, 131, 134
Picket Pins, 220
Picks, 172
Picture Cord, 236
Piers, 133
Pigeon Grain, 277
Pimpinella Anisum, 29
Pine, 131, 132
Pink, 43, 58, 79, 111
Pink, Sea, 78, 108
Pipe Vine, 129
Planet Jr. Farm and Garden
Tools, 204-206
Plane Tree, 137
Plantain Lily, 111
Plant Baskets, 239
Planters, 201
Plant Protectors, 160
Plant Setters, 201
Plant Stakes, 156
Plant Stands, 158
Plant Tubs and Boxes, 154, 157, 158
Platanus, 137
Platycodon, 84, 115
Pliers, 175
Plows, 197, 198, 204, 205
Plows, Snow, 234, 235
Plum, Flowering, 126
Plums, 138, 142
Plumbago Capensis, 104
Plume Poppy, 78
Poa Pratinoides, 36, 37
Pocket Knives, 165
Poinsettia, 104
Poisons, 148-151
Poker, Stone, 261
Polemonium, 84, 115
Polianthes Tuberosa, 90
Polishes, 244
Polygonum, 129
Pop Corn, 15, 29
Popper, Corn, 253
Poppy, 67, 84, 114
Poppy, California, 59
Poppy, Giant Tulip, 61
Poppy, Plume, 78
Poppy, Prickly, 49
Poppy Seed, for Birds, 29
Poppy, Shirley, 46
Poppy-Mallow, 108
Populus, 137, 138
Portulaca, 67
Posthole Diggers, 174
Post Spoons, 171
Posts, Fence, 194
Potato Diggers, 202
Potato Hoe, 201
Potato Hooks, 167
Potato Planter, 201
Potato Scops, 171
Potatoes, Seed, 24
Potentilla, 84
Pot Marigold, 53, 105
Pots, Flower, 158, 159
Pots, Water, 185

Poultry Feeds and Remedies, 276-278
Poultry Fence, 194, 195, 275
Poultry Manure, 144
Poultry Punches, 270
Poultry Supplies, 265-278
Powder Dusters, 191
Powder Sower, 203
Power Hoe, 202
Presses, Fruit, 227
Presses, Vegetable, 253
Prickly Poppy, 49
Primrose (Primula), 84, 88, 89, 104, 115
Primrose, Evening, 64, 84, 114
Prints, Butter, 214
Privet, 125, 134
Pruning Knives, 165
Pruning Saws, 232
Pruning Shears, 164, 165
Prunus, 126, 138
Pseudotsuga, 132
Pueraria, 129
Pumpkin, 24, 29
Pumps, 228-230
Pumps, Spray, 189-191
Punches, 175
Punches for Marking Poultry, 270
Pungs, 235
Puttum, 160
Putty Bulbs, 160
Putty Knives, 253
Pyrethrum, 67, 85, 115
Pyrus Malus, 138

Quercus, 138
Quince, Japan, 124
Quinces, 142

R

Radish, 25
Rakes, Steel, 167
Rakes, Wood, 208
Rape, 29, 42
Raspberries, 143
Raspberry, Flowering, 126
Rat Poison, 151
Rat Traps, 233
Red Bud, 136
Red Chokeberry, 123
Red Fescue, 37
Red-hot-Poker Plant, 85, 116
Red Top, 36
Reels, Clothe Line, 246
Reels, Garden Line, 163
Reels, Hose, 183, 184
Refrigerators, 252
Registers, Cage, 223
Remedies, Chicken and
Dairy, 276-278
Retinopora, 132
Rhodanthe, 67
Rhode Island Bent, 37
Rhododendrons, 133
Rhodotypos, 126
Rhubarb, 25, 29
Rhus, 126
Rice, 29, 40
Ricinus, 67, 106
Rifles, Scythe, 209
Rings, Bull, 219
Rings, Hog, 222
Roasters, 253
Robinia, 138
Rock Cress, 78, 108
Rocket, Sweet, 82
Rock Lychins, 75
Roffea, 160
Rollers, 182
Rolling Pins, 253
Roofing, 211
Root Crops, 38
Root Pullers, 173
Rope, 174, 246
Rosamarinus Officinalis, 29
Rose, 85
Rose, Christmas, 82
Rose of Sharon, 125
Roses, 104, 117, 122
Rose, Sun, 112
Rose, Wild, 126
Rosemary, 29
Roxbury Waxwork, 129
Rubber Balls, 264
Rubber Plant, 103
Rubus, 126
Rudbeckia, 68, 85, 116
Rue, 208

Rug Beaters, 242
Rumex Patientia, 29
Rustic Work, 157
Ruta Bag, 28, 38
Ruta Graveolens, 29
Rye, 37, 40

S

Saffron, 29
Sage, 29, 68, 106, 116
Sage, Meadow, 85
Sanpitaula, 89, 104
Saxif, 134, 139
Salpiglossis, 68, 106
Salsify, 25
Salt, Agricultural, 145
Salvia, 68, 85, 106, 116
Salvia Officinalis, 29
Sambucus, 127
Sand, Silver, 145
Sanserviera Zeylanica, 104
Santalina, 116
Sanvitalia, 68
Saponaria, 68
Sap Spouts and Carriers, 235
Satin Flower, 60
Saturnia, 29
Saucepans, for Flower Pots, 159
Sausage Stuffers, 249
Savory, 29
Saws, 232
Saw Bucks, 232
Saws, Circular, 225
Scabiosa, 69, 85, 106, 116
Scales, 227
Scales, Milk, 215
Schizanthus, 69
Schizopetalon, 69
Scissors, 163
Scoops, 170, 171
Scorzonera, 25
Scrapers, Drag, 174
Scrapers, Floor, 169
Scrapers, Hog, 222
Scrapers, Tree, 162
Screens, Contractors, 134
Screens, for doors and windows, 263
Screens, Sand, Gravel and
Coal, 173
Scuffle Hoes, 169
Scythes, 207
Scythe Stones and Rifles, 209
Sea Holly, 81, 111
Sea Kale Beet, 9
Sea Lavender, 69, 85, 116
Sea Pink, 78, 108
Seeds, Chair, 262
Sedum, 69, 116
Seeder, 204
Seeder, Grass, 203
Seeds, for Flavouring, 29
Senecio, 85, 89
Sensitive Plant, 63
Separators, Cream, 212
Settees, 192
Setters, Plant, 201
Sewer Pails, 171
Shadubush, 123
Shade Trees, 135-139
Shady Spot Lawn Grass
Seed, 33
Shasta Daisy, 116
Shearing Machines, 222
Sheers, Grass, Hedge, Sheep
163
Shears, Horse, 222
Shears, Pruning, 164, 165
Sheathing Paper, 211
Sheep Bells, 223
Sheepberry, 128
Sheep Manure, 144
Sheep Shearing Machines, 222
Sheep's Fescue, 37
Shell Flowers, 63
Shims, 172
Shingles, 211
Shinup, 244
Shirley Poppy, 46
Shoe Blacking, 244
Shoes, Marsh, for Horses, 181
Shooting Star, 80
Shovels, 170
Shovels, Snow, 234
Shovels, Stove, 258
Shrubs, 123-128
Shrub Collections, 128
Siberian Wallflower, 79
Sickles, 208
Sidalcea, 85, 116

In order to distinguish Seeds from the same variety of Bulbs, Roots, or Plants the latter have their page references in bold-face figures, *e.g.* 123.

Sieves, 159, 171
Sieves, Flour, 233
Signs, "Keep off the Grass," 192
Silene, 69
Silkaline, 159
Silk Oak, 88
Silk Vine, 129
Sisyrinchium, 46
Skate Straps, 219
Skinner System Sprinklers, 186
Skirt Boards, 248
Slaw Cutters, 250
Sleds, 234
Slicers, 249
Smilax, 89, 104
Smoothing Harrows, 199
Snapdragon, 86, 105
Snaps, Eye, 220
Snaths, 207, 208
Sneezewort, 81, 112
Snowball, 128
Snowberry, 127
Snow in Summer, 79
Snow Shovels and Plows, 234, 235
Soap, Fish Oil, 150
Soap, Harness, 222
Soil Lifter, 169
Soil, Potting, 145
Soja Beans, 42
Solanum, 46, 89
Solidago, 85
Solomon's Seal, 115
Soot, Scotch, 145
Sorbus, 139
Sorghum, 38
Sorrel, 29
South African Daisy, 58
Sowers, Fertilizer, 196
Sowers, Grass Seed and Powder, 203
Spading Forks, 166
Spades, 170
Spades, Butter, 214
Spear Grass, 36
Speedwell, 85, 116
Spencer Sweet Peas, 46, 70-74
Spider Plant, 55
Spiderwort, 116
Spinach, 25
Spindle Tree, 125
Spiraea, 116, 127, 134
Spirtoons, 259
Sponges, 243
Spoons, Wood, 254
Spraying Calender, 152
Spray Pumps, 189-191
Sprays, 148-152
Sprinklers, Water, 184-187
Sprinklers, Bottle, 256
Sprouters, Grain, 274
Spruce, 131, 134
Spruce, Douglas, 132
Sprurge, Japanese, 114, 133
Squash, 26
Squiglees, 242
Stable Fittings, 224
Stachys, 85, 116
Stake Chains, 220
Stake Holders, 222

Stakes, Plant, 156
Stanchions, Cattle, 217
Standard Lawn Grass Seed, 33
Staples, for Fencing, 194
Star of Bethlehem, 102
Statice, 69, 85, 116
Steel Goods, 166-173
Steel Wool, 176
Stephanandra, 127
Step Ladders, 236
"Sterno" Canned Heat, 257
Stevia, 89, 104
Stimulant, 145
Stock, Evening Scented, 62
Stock Labels, 223
Stock, Virginian, 75
Stocks, 46, 69, 70, 106
Stokesia, 85, 116
Stone Boats, 173
Stonecrop, 69, 116
Stone-picking Forks, 167
Stools, Milking, 215
Stove Lifters, 258
Stove Linings, 244
Stove Polish, 244
Stove Shovels, 258
Stoves, 257
Straps, 219
Strawberries, 143
Strawberry Baskets, 239
Strawberry Hullers, 250
Strawberry Tree, 125
Straw Cuffs, 246
Straw Mats, 160
Streptocarpus, 89
Streptosolen, 46
Stretchers, for Fencing, 194
Sudan Grass, 39
Sugar Beets, 9, 38
Sugar Cane, 38
Sumac, 126
Summer Bedding Plants, 105-106
Summer Fir, 49
Summer Savory, 29
Sunflower, 70, 82, 112
Sunflower Seed for Birds, 29
Sun Plant, 67
Sun Rose, 112
Surprise Garden Mixture, 47
Swainsonia, 89
Swan River Daisy, 53
Sweat Pads, 221
Sweepers, Carpet, 242
Sweepers, Lawn, 179
Sweet Alyssum, 48, 77
Sweet Basil, 29
Sweet Clover, 70
Sweet Corn, 3, 13-15
Sweet Fennel, 16
Sweet Marjoram, 29
Sweet Peas, 46, 70-74
Sweet Pepper Bush, 124
Sweet Potato Plants, 24, 29
Sweet Rocket, 82, 112
Sweet Shrub, 124
Sweet Vernal, 36
Sweet William, 74, 85, 111
Sweet Wodoruff, 78
Swings, 192
Swiss Chard, 9

Sylopho-Nathol, 273
Symphoricarpos, 127
Syringa (Lilac), 127, 128, 134, 139
Syringa (Philadelphus), 126
Syringes, 183

T

Table for Planting, 30

Table of Weights, 31

Tacks, 176

Tack Pullers, 176

Tagetes, 62

Tall Fescue, 38

Tampers, 173

Tanacetum Vulgare, 29

Tank Heaters, 228

Tanners' Forks, 166

Tansy, 29

Tape, for Bunching, 159

Tape, Electric, 183

Tar, Pine, 160

Tassel Flower, 53

Taxodium, 139

Taxus, 132

Team Belts, 222

Tecoma, 129

Tedder, 207

Tethers, for Cattle, 217

Thalictrum, 85

Thermometers, Dairy and House, 216

Thermometers, Incubator, 267

Thermostats, Incubator, 267

Thistle, Globe, 81

Thompson's Fertilizers, 145

Thorn, 136

Thoroughwort, 111

Three-in-one Oil, 243

Thrift, 78, 108

Thuja, 132, 134

Thunbergia, 74

Thyme, 29, 116

Thymus Vulgaris, 29

Tick-seed, 80, 111

Tie-out Chains, 220

Tilia, 139

Timber Carriers, 230

Timothy, 36

Tinfol, 139

Toad Flax, 61

Tobacco, 26

Tobacco Plant, 64, 106

Tomato, 4, 27, 29

Tool Brackets, 169

Tooth Picks, 253

Torenia, 74, 106

Towel Horses, 247

Tool Racks, 262

Trace Chains, 220

Trachelium, 89

Tradescantia, 104, 116

Transvaal Daisy, 88

Traps, Animal, 233

Tree Celandine, 108

Tree Guards, 195

Tree Protectors, 159

Tree of Heaven, 135

Trellises, 154, 155

Trellis, Wire, 195
Trench Rammer, 173
Trillium, 116
Tritoma, 85, 116
Trollius, 85, 116
Tropaeolum, 63, 64, 74
Trowels, 161
Trucks, 228

Trumpet Flower, 57

Trumpet Vine, 129

Tsuga, 132, 134

Tuberose, 90

Tubs, 245

Tufted Pansy, 116

Tumblers, Jelly, 255

Tunica, 116

Turf Edger, 169

Turfing Axes, 230

Turnip, 28, 38

Turnip-rooted Cabbage, 16

Turtlehead, 109

Twine, Binder, 208

Twine, Parcelling, 159

Tying Machine, 203

U

Ulmus, 139

Umbrellas, 208

Umbrella Plant, 103

Umbrella Tree, 136

U. S. Poultry Fence, 194

V

Vaccinium, 128

Valeriana, 85

Vanies, 223

Vegetable Forks, 166

Vegetable Plants, 29

Vegetable Presses, 253

Vegetable Seeds, 2-28

Ventilators, 263

Verbenae, 44, 74, 75, 106

Verbenae, Lemon, 105

Veronica, 85, 116

Vetch, 38

Veterinary Instruments, 216

Viburnum, 128

Vines, 75, 106, 116

Vinegar Measures, 259

Vinegar Pump, 229

Vines, 129

Viola, 85, 116

Violet, 85, 106, 116

Virginia Creeper, 129

Virginia Stock, 75

Virgin's Bower, 129

Viscaria, 46, 75

Vises, 174

Vitis, 129

W

Wagons, 173

Wagon Umbrellas, 208

Wallflower, 75, 85, 106

Wallflower, Siberian, 79

Walnut, 137

Wash Benches, 245

Wash Boards, 245
Wash Boilers, 245
Water Coolers, 251
Water Cress, 15
Water Filters, 254
Water Glass, 274
Water Melons, 19
Water Pots, 183
Water Troughs, 224
Wax, Grafting, 159
Wayfaring Tree, 128
Wearers, Calif., 223
Weather Vanes, 223
Wedges, Splitting, 172
Wedges, Axe, 230
Weeders, 161, 162, 199
Weed Killers, 151
Weigela, 124
Well Buckets, 260
Wheat, 40
Wheelbarrows, 188
Wheel Hoe, 204, 205
Whiffetrees, 221
Whiffetree Chains, 220
Whip Sticks, 222
White Fringe, 136
Whitavia, 75
Wicks, Lamp, 258
Wild Cucumber, 58
Willow, 134, 139
Windflower, 77, 107
Window Screens, 263
Winter Savory, 29
Wire, Bale Ties, 175
Wire, Bouquet, 159
Wire Cutters, 175
Wire Fence, 193-195
Wistaria, 129

X

Xanthorrhiza, 128

Xeranthemum, 75

Y

Yarrow, 76, 107
Yellow Oat Grass, 37

Yellow Root, 128

Yew, 132

Yokes, Ox, 219

Yokes, Sap and Milk, 235

Yucca, 85, 116

Z

Zenoleum, 275

Zinnia, 75, 106

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